



Silicon Valley StRUT

www.svstrut.org
www.engineering-ed.org

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The Silicon Valley StRUT is not a new dance...

...It's an innovative, nationwide program providing computer-technology training using surplus computers from industry to benefit public schools.

Through a partnership with INTEL, Silicon Valley Students Recycling Used Technology (StRUT) was launched in 1998 in this region. StRUT provides technology, business and science education for K-14 students through the process of refurbishing donated equipment to schools and recycling obsolete equipment and materials to reduce e-waste.

The StRUT program encompasses a certificated **Computer Technology Course** where students learn computer internal systems, repair and maintenance, input and output devices, internet research, diagnostics and software. Students expand their knowledge of computers as they build fully operational computer systems that are used in their schools. In addition, students can learn bookkeeping, reporting, inventory control, technical reading and writing, ethics, teamwork, leadership and presentation skills. The program also teaches the processes of **materials recycling** and remanufacturing in an awareness of the e-waste issues of a technological society and economy.

Currently, Silicon Valley StRUT serves sixteen elementary through high school sites. StRUT has placed over 4,000 computers in schools, received over \$336,000 in program funding, \$2,000,000 in donated equipment, and over \$17,000 for student internships.

Silicon Valley StRUT is part of the national non-profit StRUT organization. See the Silicon Valley web site <http://www.svstrut.org> to learn more about StRUT.

The technology reclamation program follows strict organizational procedures that protect the donor, the school districts and the environment.

Among the procedures are:

- **Equipment security**
- **Donor e-files removal**
- **Donor identification removal**
- **Recycler investigation**

RESULTS:

Students gain workforce skills, schools get valuable computers and the environment is not harmed.

This is an excellent example of what an industry and educational partnership can achieve!

