

**STANFORD UNIVERSITY
CENTER FOR RESEARCH IN
TEACHING
PALO ALTO, CALIFORNIA**

PROJECT DESCRIPTION:

This project included the development of programmatic requirements for all spaces within the Stanford Center for Research and Development in Teaching (SCRDT).

The facility was dedicated to the support of a multi-phasic research program, which makes use of a wide variety of technologies for the evaluation and instructional materials and methods. The Center has drawn visitors from many nations and provided the research facilities for graduate students performing research in fields of heuristics and educational technology.

ACSI'S RESPONSIBILITIES:

ACSI was engaged by the University to assist its architect, Skidmore, Owings & Merrill, with the development of audio/visual lecture systems, other building related low-voltage communications systems and custom computer-controlled research systems.

Included in ACSI's scope of services was the development of an instructional material preparation facility and a computer-controlled random access video and audio data retrieval system which was interfaced to a second computer system for evaluating instruction. This audio/video random access system employed rhodium-plated 11" disks to store 900 still video frames using a magnetic storage technology. The audio media storage portion of the system utilized bin-loop audiotape transports that were capable of transversing and locating the student's selected program anywhere on the entire length of the store tape in less than 20 seconds.

