

# Reed College Educational Technology Center and Eric V. Hauser Library

PORTLAND, OREGON

## Services

Building Technologies  
Electrical  
Lighting

### FAST FACTS

#### Architect

Zimmer Gunsul Frasca  
Partnership

#### General Contractor

Hoffman Construction  
Company

#### Completion

August 2002

#### Building Size

43,500 sf

#### Project Cost

\$13 million

#### Contact

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Overwhelming demands on existing library space and usage led to an addition totaling over 43,000 sf (20,500 sf of library space and 23,000 sf for the Educational Technology Center). Interface provided electrical and lighting design services for the three-story expansion, enabling the library to increase its holdings by almost 30 percent.

Libraries are special spaces, presenting their own set of unique design challenges. For example, limited floor-to-floor heights make careful coordination of the electrical and mechanical rough-ins essential. Multiple lighting-level controls required a low-voltage switching system for both the library and ETC sections. The lighting designers specified a variety of luminaire styles that also present a

uniform appearance, selected for efficient performance.

In addition, Interface performed utility coordination for new electrical services to both buildings, designed an emergency power distribution system with a 200-kW diesel generator for egress lighting in both buildings, and standby power for the ETC computer network servers and selected loads.



The addition brought new staff and faculty offices, classroom and study spaces, a 17-station computer classroom and 18 new public computer work stations.