Chemeketa Community College Health Sciences Complex
Salem, Oregon

$31 million
71,000 sf
Completed March 2011

SRG PARTNERSHIP, INC.
The social and collaborative center of the building features generous open spaces and ample daylight, with the Active Learning Center overlooking the lobby through bold graphics on glass.
The Active Learning Center's vibrant imagery merges themes of science and health science while offering privacy to those studying within.
Skylights and an open layout allow daylight to penetrate faculty offices and collaborative areas.
The Oregon Institute of Technology (OIT) partnered with Chemeketa Community College to introduce a dental clinic.
Daylighting

Unmodified daylight from both the daylight and view windows. The uneven daylight factors would cause visual discomfort. Daylight factor of 2 - 3 created by combination of 2' overhang, 1'-0" louvers and light shaft.

Night Flush & Cooling

2-story classroom section shows the building's innovative daylighting and passive ventilation strategy.

Daylight enters the classroom from the clerestory windows and the light shaft at the core of the building and is distributed evenly, as represented by the red line in the graph (right). Exterior louvers at the windows act as light shelves by reflecting light further into the classroom and eliminating glare (also done by the overhang), thus helping to even the amount of daylight across the space. The light shaft provides light to the portion of the classroom near the building core.