



## Edmonds Community College Mukilteo Hall

### Overview

- Location: Lynnwood, WA / suburban setting
- Facility Type: Higher Education

The new Instructional Lab Building houses the Developmental Education and International Education programs and the Bridge Lab. The 73,500 SF, four-story structure includes floors dedicated to each department offering different combinations of mitigated classrooms for writing, tutoring and lecturing; computer labs for ABE/GED and ABE/ESL; administrative and faculty offices and restrooms. A library, reception area, lounge and workrooms also support the Developmental Education program.

A lobby connects the ILB to the new, square, 10,000 SF Black Box Theater used by the Theater program and the public. The all-black, flexible interior includes a perimeter curtain, sprung-wood floor, catwalk system, portable platforms and seating, sound control booth and audio/visual booth. A green room, scene shop, dressing rooms, costume storage, offices, ticket booth and concession stand and storage complete the project.

Taking their cue from the rest of campus, exterior materials used for the ILB and Black Box Theater include glass, masonry, concrete, stucco and standing seam metal siding.



**DLR Group**

Architecture Engineering Planning Interiors

## Sustainable Features

### Sustainable Site

- Multi-level (four-story) design maximizes floor area ratio and minimizes building footprint
- Maximizes connection to campus utilities through existing tunnel system
- Shared function of academic building and Black Box Theater utilizes similar support spaces (lobby, restrooms, etc) eliminating need for two separate buildings
- Campus connected to multiple transit lines
- Campus connected to public services within 1/2 mile radius
- Roof is light colored "cool roof", which has high reflectance and limits heat island effect

### Water Efficiency

- Plantings utilize native/drought tolerant species

### Energy and Atmosphere

- Light control/shading of windows reduces heat gain
- Comprehensive energy management control system
- Connection to existing central plant heating system with new efficient air handling units
- Occupancy sensors control lighting within each classroom
- High performing envelope design (insulation/window systems)
- Accessible mechanical HVAC area for improved maintenance and enhanced performance
- Zoned mechanical systems allows Mukilteo Hall system to be shut off when building is not in use

### Materials and Resources

- Use of local, regional, and recycled materials
- Durable materials
- Many of the structural systems serve as final finish system (concrete slabs, exposed structure, etc.)
- Contractor recycling materials throughout construction

### Indoor Environmental Quality

- Operable windows throughout
- Daylighting provided in 98% of rooms (except Black Box Theater)
- Low emitting materials
- Flush out of building with all finishes installed will occur prior to occupancy

### Innovation

- Building landscape is used as an educational tool for the horticulture program

