



# Saint Martin's University – Cebula Hall Engineering Building

Lacey, WA

## New Construction/Addition Green/Sustainable Design

**McGranahan Architects**  
2111 Pacific Avenue, Suite 100  
Tacoma, WA 98402  
www.mcgranahan.com  
Marc C. Gleason, AIA, LEED, AP  
253/383-3084

### DESIGN TEAM

Forma, General Contractor  
Robert W. Droll, Landscape Architect  
Shea Carr Jewell, Civil Engineer  
PCS Structural Solutions, Structural Engineer  
Sunset Air, Design Build Mechanical  
Taurus Electric, Design Build Electric

### OWNER/CLIENT

Saint Martin's University  
Lacey, WA  
Dr. Roy F. Heynderickx, President  
360/491-4700

### KEY STATS

Grades Served: Post-Secondary  
Capacity: 233 students  
Size of Site: 1.86 acres  
Building Area: 26,900 sq. ft.  
Space per Student: 115 sq. ft.  
Cost per Student: \$24,764  
Square Foot Cost: \$215  
Construction Cost: \$5.8 million  
Total Project Cost: \$7.4 million  
Contract Date: Aug. 2011  
Completed: Oct. 2012  
Sustainability Rating System/Applied/  
Status/Level: LEED Platinum (97/100 points)

PHOTOGRAPHY: LARA SWIMMER PHOTOGRAPHY; DANE GREGORY MEYER



The new Cebula Hall is the highest rated LEED Platinum Building in the US. The building provides teaching and learning space that sets an economical sustainable example supporting the atmosphere for educational rigor and collaboration. The construction cost is \$225 per s.f. and incorporates many sustainable systems including: on-site renewable energy via a 21.8 kilowatt photovoltaic array, ground-source heat, on campus storm water quality facility, energy efficient envelope, significant energy optimization, and educational features.





The sustainable facility provides a healthy learning environment that makes studying, researching and discussion invigorating and immersive. The arrangement of building spaces focuses on relationships that encourage collaboration. Transparency, proximity and access to shared spaces contribute to this success.

The building exposes and displays engineered systems as a way of surrounding faculty and students with real world examples of their studies. Many of the structural, civil and mechanical systems are “peeled back” to facilitate dialogue. The roof lab includes two dual axis solar panels that allow students to study the benefits of tracking devices, solar orientation and the production of solar energy.

From the quadrangle students can observe a building that displays activities and research on the roof lab; strengthening the exposure of the school of engineering activities to the rest of campus.

