



Columbia Basin Technical Skills Center

Moses Lake, WA

New Construction/ Addition

Career-tech/voc-ed

NACIArchitecture
1203 West Riverside Ave.
Spokane, WA 99201-1107
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Jes Danielson
509/838-8240

DESIGN TEAM

Taylor Engineering, Inc., Civil Engineering
Gavin Associates, Landscape Architecture
Structural Design Northwest, Structural Engineering
L&S Engineering, Mechanical Engineering
FP Engineering, Fire Protection Consultant
NACIEngineering, Electrical Engineering

OWNER/CLIENT

Moses Lake School District No. 161
Moses Lake, WA
Michelle Price, Superintendent
509/766-2650

KEY STATS

Grades Served: 9-12
Capacity: 300 students
Size of Site: 8.1 acres
Building Area: 46,110 sq. ft.
Space per Student: 153.7 sq. ft.
Cost per Student: \$45,600
Square Foot Cost: \$297
Construction Cost: \$13,680,000
Project Cost: \$19,400,000
Completion Date: June 2014
Sustainability Rating System/Applied/Status/Level: WSSP

PHOTOGRAPHY: BENJAMIN BENSCHNEIDER PHOTOGRAPHY

The Columbia Basin Technical Skills Center, located in Moses Lake, will house approximately 300 high school students from 12 regional school districts preparing them with skills and certifications for highly desirable family-wage jobs. The high-performance sustainable state-of-the-art facility houses programs in Advanced Manufacturing, Computer Science AP, Culinary Arts, Life Sciences/Global Health, Multicraft Trades/Pre-Apprenticeship, Pre-Engineering and Professional Medical Careers. The design anticipates future additions to support planned Ag to Market Automation, Cloud Farming/Smart Energy, Physical Therapy, Protective Services and Veterinary Sciences programs.

Skills centers are schools at heart, but serve various other community functions. The parent/student/staff interface, classrooms and computer labs are traditional and required the building to convey architecturally that it is a school, but some programs pulled the aesthetic in other directions. The Life Sciences/Global Health and Professional Medical Careers programs needed an inviting reassuring medical architecture. The Culinary program and restaurant required a commercial hospitality expression. The other programs serve both teaching and production functions suggesting a high-tech, edgy industrial manufacturing look. Metal panel, masonry, exposed steel structure, polished concrete, window shading devices,

daylighting clerestories and multicolored glazing in aluminum frames were carefully orchestrated in an attempt to convey these various messages in a cohesive manifestation.

