



SPECIALIZED EDUCATIONAL FACILITY/VOC-ED

North Idaho College—Parker Technical Education Center Rathdrum, ID



This new 110,960 sf Parker Technical Education Center was designed to accommodate eight programs:

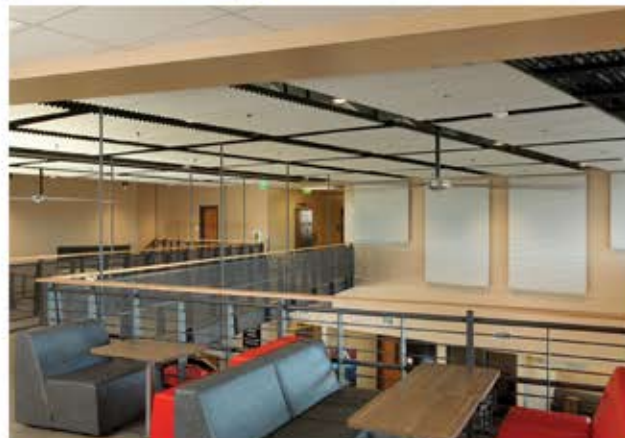
- Advanced manufacturing/mechatronics
- Automotive technology
- Collision repair technology
- CAD technology for architecture and engineering
- Diesel technology
- Industrial mechanic/millwright
- Machining and CNC technology
- Welding technology

The program for the new facility included spaces for courses that were currently offered on the main campus, replacing 40,000-sf of existing space and tripling the area dedicated to CTE programs, plus space for additional programs.

Challenges included providing an aesthetic and functional design on a tight budget, on a 40-acre site that was remote from the main campus. The solution utilized a metal framed structure for large lab spaces and conventional construction for administrative and classroom spaces.

The facility was designed to create instructional spaces that focus on students. There are numerous student study/break areas, adjacent to both labs and classrooms, and staff offices are intentionally placed adjacent to labs to encourage student/staff interaction.

Designed to be intentionally flexible, the structure's safe lab spaces reflect the current industrial workplace, and can adapt to future expansion. Natural light is used throughout the facility to brighten lab spaces and the building wraps itself around a central courtyard designed to showcase student projects.



New Construction/Addition

Career-tech/voc-ed

Architects West, Inc.

210 E. Lakeside Ave.
Coeur d'Alene, ID 83814
architectswest.com
Scott P. Fischer
208/667-9402

DESIGN TEAM

Opsis Architecture, Design Consultant
LSB Consulting Engineers, Structural Engineer
Coffman Engineers, Mechanical Engineer
Trindera Engineering, Electrical Engineer
J-U-B Engineers, Civil Engineer

OWNER/CLIENT

North Idaho College
Rathdrum, ID
Chris Martin, Vice President for Finance and
Business Affairs
208/769-3342

KEY STATS

Grades Served: Post-Secondary
Capacity: 560 students
Size of Site: 20 acres
Building Area: 110,960 gsf
Space per Student: 198 sq. ft.
Cost per Student: \$32,820
Square Foot Cost: \$165
Project Cost: \$18,379,691
Completion Date: September 2016

PHOTOGRAPHY: SHAWN TONER, EXPLOSIVE ILLUSIONS;
JONATHAN MUELLER