



Vocational/Industrial  
Arts Facility  
New Construction

**COLLABORATIVE-TMP**

500 Madison Ave., Suite 100  
Toledo, OH 43604  
www.collaborative-tmp.com

Dawn Lyman, CPSM  
248/338-4561

**DESIGN TEAM**

John Castellana, FAIA/  
Frank Beans, AIA,  
Co-Partners-in-Charge

James Seaman, AIA, LEED AP,  
Project Designer

Stefanie Francisco, ASID, LEED  
AP, Interior Designer

Drew Pennington, ASID,  
Interior Designer

William F. Roberson, AIA, LEED  
AP, Project Manager

**OWNER/CLIENT**

Penta Joint Vocational  
School District  
Perrysburg, OH

Fred Susor, Superintendent  
419/666-1120

Type of School and  
Grades Served:  
Specialized Educational  
Facility, 10-12

Capacity: 2,000 students

Size of Site: 59 acres, developed;  
85 acres, undeveloped

Area of Building:  
521,639 square feet

Volume of Building:  
7.8 million cubic feet

Space per Student:  
261 square feet

Cost per Student: \$40,818

Square Foot Cost: \$156

Cost of Construction:  
\$81.6 million

Total Project Cost: \$91 million

Contract Date: Feb. 2006

Completion Date: Sept. 2008

Percent of Completion: 100%

**SPECIALIZED EDUCATIONAL FACILITIES**

# Penta Career Center

## Perrysburg, Ohio

### Collaborative-TMP



MEDIA CENTER—SOUTH FACADE

**P**rogram features: The building is designed with four main areas to serve 16 surrounding school districts and educate 2,000 students from five counties. Three distinct wings originate from the center core, housing 11 curriculum pathways: Wing A houses manufacturing/transportation and environmental and agricultural programs; Wing B houses the construction trades program; and Wing C houses business and management, health services, human services, adult education, and the board office.

Site considerations: The orientation of the building reflects the site surroundings. The eastern side of the site has high visibility to Interstate 75. In designing the 520,000-square-foot facility, the design team was sensitive to acknowledge this thoroughfare while displaying Penta's progressive nature and ability to adapt to the expansion of career programs.



TWO-STORY DINING COMMONS



MAIN ENTRY VIEW FROM THE NORTH

Technical information: The overall goal was to create an exterior envelope that reflected a manufacturing process system, similar to the school's various programs. The majority of the exterior skin is a brick-inset, precast architectural panel system, which reflects a desire to break away from a traditional brick building. Instructional areas have LCD projectors, multimedia delivery, state-of-the-art sound systems, computers, and associated equipment. Technology consists of cable infrastructure and a wireless environment. ■

PHOTOS: CHRISTOPHER LARK