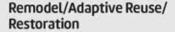
# Great Oaks Career Campuses Advanced Manufacturing Training Center

Cincinnati, OH

Once requiring little advanced level training, students now entering a profession in manufacturing are required to have a high level of knowledge in engineering and technology in order to solve complex problems. In response, the goal of Great Oaks was to transform the traditional loud and dirty manufacturing high bay in the existing facility into a high-tech, open, and collaborative training center.

Located in a peripheral wing of the main education building on the Scarlet Oaks Career Campus, the 1970s industrial aesthetic of the existing facility lacked a clear point of entry, spaces were disconnected from one another, had limited daylight and views out, and lacked areas for group gathering and collaboration. The new design transformed the overall identity of the facility, connecting career-related and academic learning spaces to improve the overall function and accessibility and maximize use of the existing facility, improve safety and security, and introduce daylight and views.

A new entry lobby space and gallery commons provide an introduction to the field of robotics and advanced manufacturing, while also providing places for students to gather, and share ideas. Large glass openings provide



Career-tech/voc-ed

## **MSA Architects**

314 W. 4th Street - Cincinnati, OH 45202 www.msaarch.com Dwayne Boso, AIA • 513/241–5666

#### **DESIGN TEAM**

Michael Schuster, FAIA LEED AP, Design Strategy Chris Patek, AIA LEED AP, Project Architect Jamie Owens, Associate AIA, Design and Production Sarah Eingle, IIDA, Interior Design Dwayne Boso, AIA, Principal-in-Charge

### OWNER/CLIENT

Great Oaks Career Campuses Cincinnati, OH Jeff Johnson, Director of Business Operations 513/612–3604

#### **KEY STATS**

Grades Served: 11–12, Adult Training Capacity: 100 Size of Site: 0.37 acres Building Area: 183,600 sq. ft. Space per Student: 160 sq. ft. Cost per Student: \$27,500 Square Foot Cost: \$172 Project Cost: \$2,750,000 Completion Date: October 2015

PHOTOGRAPHY: JH PHOTOGRAPHY; MSA ARCHITECTS





views into instructional spaces and the high-tech robotics and manufacturing clean lab. Openings were also cut into the existing exterior to allow for some daylighting and views. The classrooms are directly connected to the clean lab to allow for flexibility in types of learning, including collaborative groups and individual instruction.

The site was also redeveloped to improve the overall use and function of facility. The expanded entry plaza and new building entry improve accessibility to the building and enhance the sense of arrival. The dynamic perforated metal entry wall serves as an iconic element that is easily identifiable to visitors as they approach the building from the main campus drive.

