

CSU Dominguez Hills: Center for Science and Innovation

Carson, CA



California State University Dominguez Hills (CSUDH) is a public university founded in 1960 and is part of the California State University (CSU) system. With nearly 15,000 students, CSUDH is consistently ranked nationally as a top degree producer for minority students.

The new 3-story Center for Science and Innovation will be a science hub with more than 30 classrooms and labs geared toward training students for STEM careers in science, technology, engineering and mathematics. The exterior of the Science and Innovation Building features a blue and gray façade with a “decoded DNA strand” design in the paneling.

Vantage provided technology consulting services to assist HGA and the rest of the team in addressing issues associated with the planning, architectural integration, system design and deployment. The IT infrastructure and cabling technology includes: phone and data services, BDF/IDF rooms, outlet distribution, service to Wi-Fi access points (WAPs), security systems and emergency phones. The audiovisual (AV) systems designed by Vantage will be based on five typical classroom spaces including both active AV and passive AV for labs, shared classrooms, small conference rooms and large conference rooms.

Toyota USA Foundation donated \$4 million to support the design, construction and equipment for the new Toyota Center for Innovation which will be housed inside the science building and will include a fabrication lab, labs for K-12 teacher demonstrations and training, SMART classrooms, collaborative workspaces and an outdoor workspace.

Client: California State University Dominguez Hills
Architect: HGA
Builder: C.W. Driver
Project Size: 87,000 sq ft
Construction Cost: \$82M
To Be Completed: Fall 2020

Services:

- Infrastructure Design
- IT Costs + Financial
- Needs Assessment/Feasibility
- System Design
- Lab Consultant Coordination

Technologies:

- Audiovisual Systems
- Digital Media
- IT Infrastructure
- IT Systems
- Security Systems
- Wireless Network

Benefits:

- Coordinated technology for the labs in the state-of-the-art building with the project lab planner
- Incorporated wireless audiovisual team collaboration systems and active classroom technologies
- Designed wireless coverage to be comprehensive throughout building interior and around the building perimeter

Renderings courtesy of HGA and the Digital Fly-Through Tour from [CSUDH website](#)