



The Systems Engineering Building houses important functions of the College of Engineering, as well as a core need of both the College of Science and the College of Engineering—a high-quality clean room facility. The space program for the new building includes four major components— Project Labs for hands-on undergraduate learning; the Dean’s Offices and Advising; Research Labs including the Clean Room facility; and the Department of Engineering Management and Systems Engineering.

Four labs are provided to target each of the freshman engineering and technology modules. A number of successful and growing research initiatives are also housed in the SEB, including the Dynamic Environment Simulation Lab (a showcase lab near the building entry), the Clean Room and Characterization facility, Microfluidics, MEMS, Microelectronics and Biomedical Engineering labs. The advising function has a natural location within the building because of the building’s strong emphasis on student learning. The Dean’s offices have been relocated from Kaufman Hall to provide expansion space there for other growing programs. The Department of Engineering Management and Systems Engineering have also been relocated from Kaufman Hall to provide space to expand, and to provide more space for Engineering Management’s growth and current unmet needs.



Pending
Certification

Photography by:
Alain Jaramillo Photography
Jason Villafranco, RRMM Architects



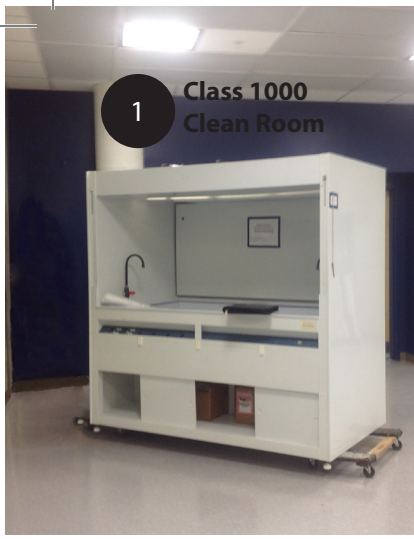
SLAM
The S L A M Collaborative

ENGINEERING SYSTEMS BUILDING

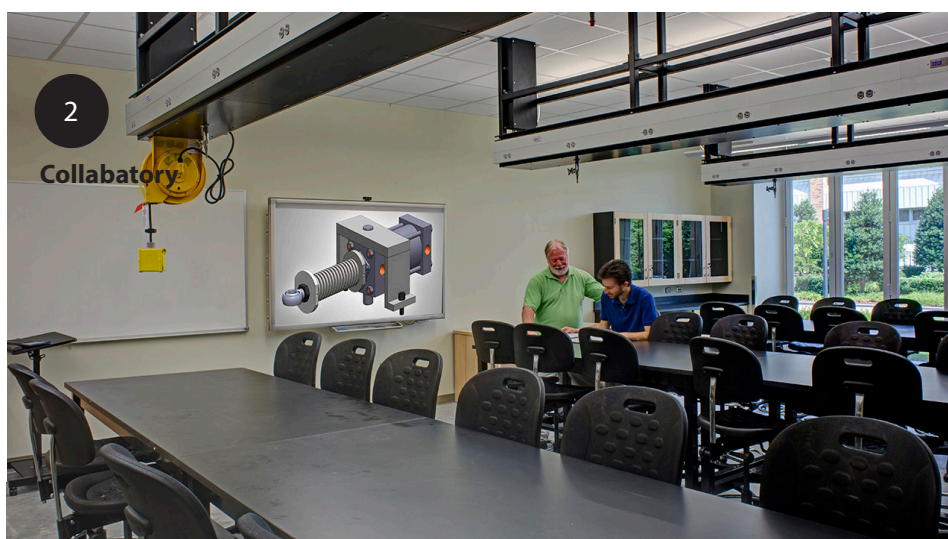


Old Dominion University
Norfolk, VA





1 Class 1000 Clean Room



2 Collabatory



6 Motorsports



7 Biomedical wet lab
Collaboration between ODU Engineers & Biologists for artificial joint research



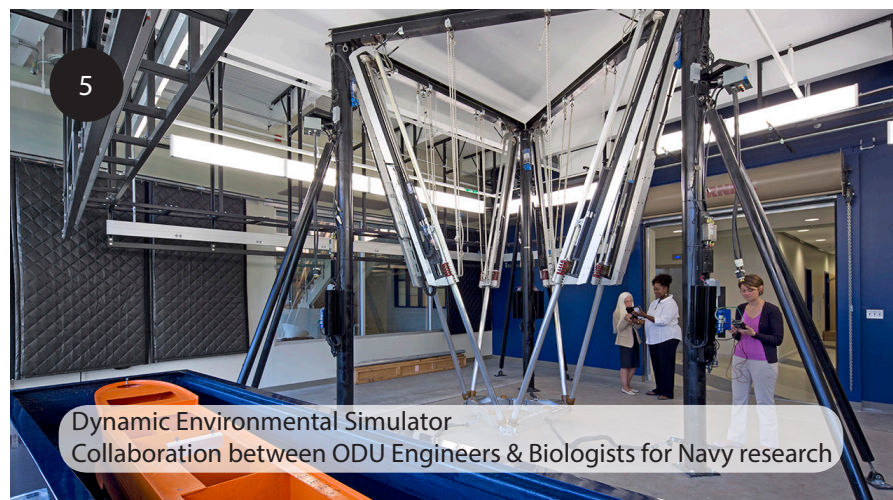
First Floor



Second Floor



3 Dean's Office



5 Dynamic Environmental Simulator
Collaboration between ODU Engineers & Biologists for Navy research



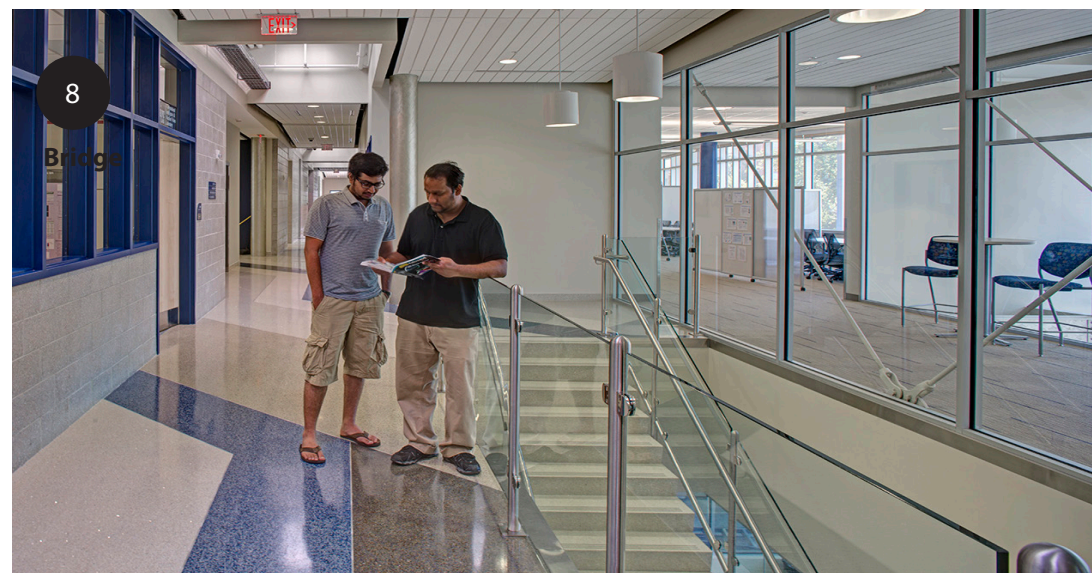
9 Conference Room



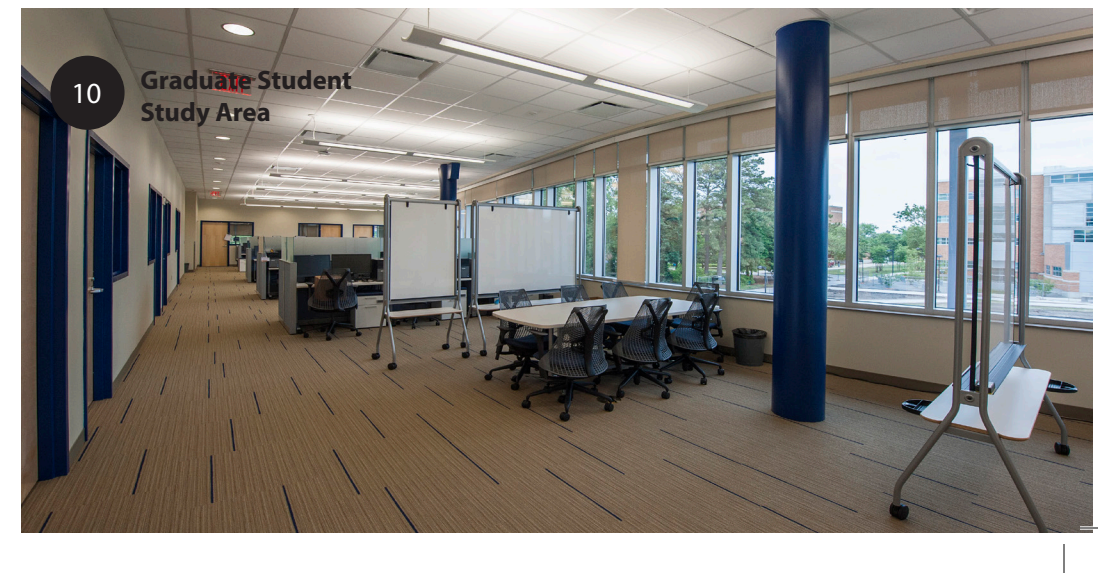
11 Engineering Management & Systems Engineering



4 Lobby



8 Bridge



10 Graduate Student Study Area