



TRANSFORMING LEARNING



UNMC

COLLEGE
OF DENTISTRY

Creating Learning Spaces

Transforming the preclinical laboratory into the new clinical and virtual simulation laboratory and digital design studio took about four months.



Learning in Action



In the 700-square-foot, 15-station digital design studio, students use the latest CAD/CAM technology and an equipment studio with milling machines and 3D printers to design dentures and restorations. Students gain cutting-edge digital dentistry skills that will help them reach new levels in their professional careers.



In the 5,500-square-foot, 64-station clinical and virtual simulation laboratory, students learn the latest clinical techniques and skills through clinical simulations and virtual dental trainers which use simulation technology to achieve a high level of realism. Cutting-edge 3D, virtual reality and haptics technology allow students to navigate and manipulate virtual clinical environments.



The clinical and virtual simulation laboratory and digital design studio will help the College of Dentistry sustain our history of excellence in education, research and patient care; maintain our competitive edge when recruiting outstanding faculty and students; and ultimately fulfill our mission to continually improve the oral health of the people of Nebraska and beyond.

