



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE

COLLEGE OF
ARCHITECTURE + DESIGN



Fab Lab
archdesign.utk.edu/fablab

Digital Fabrication Services @ the UT Fab Lab

Digital Fabrication Services @ the UT Fab Lab is a design resource available to academic and professional designers across the region.

At a Glance

- Digital Fabrication Services, the first resource of its kind located in Knoxville and serving the region, is a partner for designers in the profession or who serve in academic positions.
- Digital Fabrication Services offers production of prototypes and idea generation, leveraging the sophisticated digital and analog resources in the college's Fab Lab, a 20,000-square-foot maker space, and the expertise of the Fab Lab staff.
- The service helps individuals in the region create physical items needed for demonstrations, projects, presentations and more.
- Digital Fabrication Services was initiated in 2017.
- For details, visit archdesign.utk.edu/about.

Services

- As a prototyping resource, Digital Fabrication Services specializes in limited quantities and individual objects.
- Designers' prototypes are fabricated by the Fab Lab staff using CAD/CAM, rapid prototyping (3D printing), CNC routing, CNC milling or abrasive waterjet cutting.
- Objects can be made from almost any substrate, including wood and wood products; metals; polymers; and stone.
- Rates for the use of the services vary depending on the technology utilized and other factors, and funds collected through Digital Fabrication Services are used to enhance curriculum and technology for students in the college.
- Digital Fabrication Services is operational year round.
- Services are available as the Fab Lab's schedule allows. First priority is given to students and faculty of the College of Architecture and Design.