

# Maker Space

The Auburn University Maker Space is a centrally located, 11,000 sq. ft. facility within the College of Engineering that provides versatile fabrication and prototyping capabilities in support of research, instruction, and interdisciplinary collaboration. Designed to facilitate the transition from concept to physical artifact, the Maker Space is equipped with industry-standard tools across domains such as digital manufacturing, electronics, machining, and materials processing.

Available resources include CNC mills, MIG/TIG welders, laser cutters, 3D printers (Prusa and Markforged), CNC routers, precision soldering stations, oscilloscopes, and embedded systems platforms such as Arduino and Raspberry Pi. These tools support rapid prototyping, hardware development, and proof-of-concept construction for faculty-led research projects, graduate theses, and undergraduate research experiences.

Faculty may incorporate Maker Space resources into sponsored research, capstone courses, and project-based instruction. Safety and equipment training is required for all users. The facility also serves as a hub for cross-disciplinary collaboration, offering infrastructure to support external funding initiatives and experimental design across engineering, computer science, industrial design, and other applied fields.