

GET CREATIVE INSIDE THE 3D LAB



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ABOUT OUR CAMPUS

The University of Akron Wayne College campus is situated in the midst of 160 acres of beautiful countryside. It is an easy access campus with two buildings featuring small class sizes, state-of-the-art science labs, bookstore and café and more. If you're seeking a close-to-home, low cost, high quality education option, please call our Students Services Center at 330-684-8900.

To learn more about The University of Akron
Wayne College, visit wayne.uakron.edu

WHERE IMAGINATION IS MADE



THE UNIVERSITY OF AKRON WAYNE COLLEGE 3D LAB



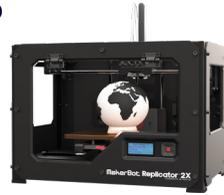
The University of Akron
Wayne College

WHO WE ARE

The University of Akron Wayne College 3D Lab is a collection of tools, services, people and educational opportunities that encourage a community of invention and design. The lab is open to the public, allowing community members, students, and businesses to create and collaborate using high tech equipment. We specialize in digital fabrication via 3D design, printing, and scanning technology.

WHAT IS 3D PRINTING?

It's the action or process of making a physical object from a three-dimensional digital model, typically by laying down many thin layers of a material in succession. During the print process, the 3D printer starts at the bottom of the design and builds up successive layers of material until the object is finished.



Equipment

- Eight - 3D Printers specializing in materials such as ABS & PLA plastic, nylon, rubber, and high-resolution resin
- 3D scanner for large or small objects
- 60-watt laser engraver with an 18" x 24" cutting area
- Vinyl cutter with a 24" cutting area
- Heat press to apply vinyl to clothing
- Poster printer with 42" wide printing area
- High-resolution photo printer
- CNC Mill for wood carving
- Dye-sublimation printer for full-color heat transfers of images



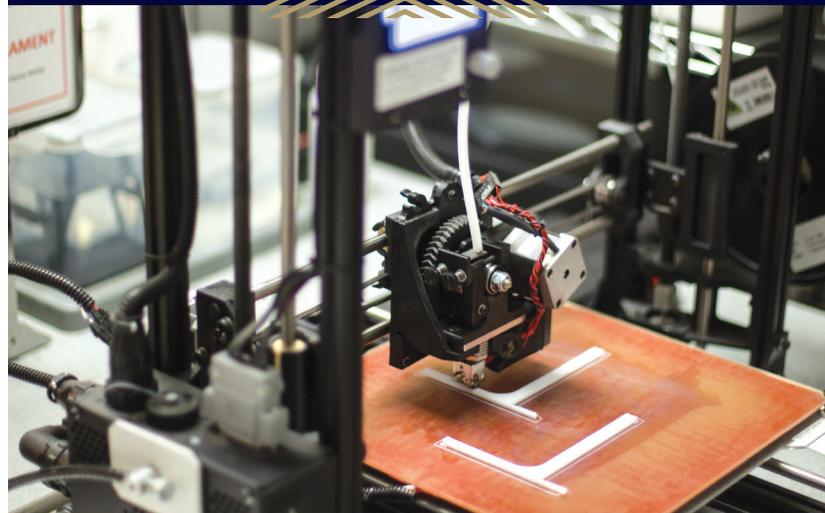
Software

- CAD software - AutoCAD, Fusion 360, SolidWorks
- Design software - CorelDRAW, Adobe Creative Suite (Photoshop, InDesign, Illustrator, etc.)



SERVICES WE PROVIDE

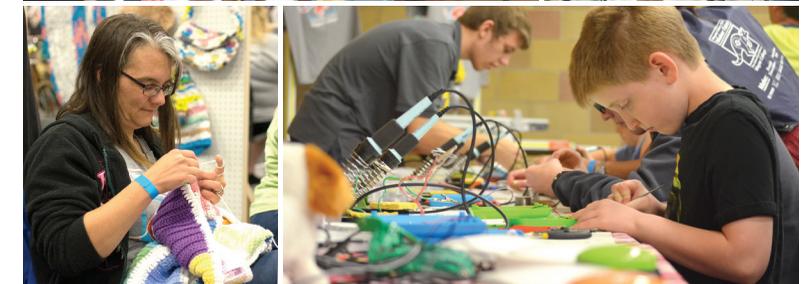
- ▶ Walk-in, free use of the equipment. Please visit wayne.uakron.edu/3DLab for current hours of operation.
- ▶ Free on-site presentations and demonstrations. Invite us to your business, school, or community organization! We talk about 3D printing, digital fabrication, careers in engineering, and related topics.
- ▶ Individual and group tutoring sessions, workshops, and informal classes on CAD design and 3D printing (by appointment; please call to setup available dates).
- ▶ Think-tank services. Collaborate with student engineers to bring your product designs to life. Internship possibilities as well.
- ▶ Collaborative projects between schools and community organizations such as shared projects, lessons and workshops, summer camps, and more.



To learn more, visit wayne.uakron.edu/3DLab

MAKER FAIRE WAYNE COUNTY

The University of Akron Wayne College hosts Maker Faire Wayne County, a family-friendly showcase of invention, creativity, and resourcefulness. A free, open to the public event which gathers the fascinating, curious people who enjoy learning and who love sharing what they can do. From engineers to artists to scientists to crafters, Maker Faire Wayne County is a venue for all "makers" to show hobbies, experiments and projects. To learn more, visit waynecounty.makerfaire.com.



WE ARE COMMUNITY FUNDED

The University of Akron Wayne College 3D Lab has been made possible by generous donations from local area businesses, organizations and private individuals. Financial support and gifts in kind are always welcome, please contact Tom Hammond at 330-684-8722 or by email at tjh1@uakron.edu.