Innovation Factory @ the University of Montana
University Center, Suite 250
Phone: 406-243-5723
umt.edu/innovation-factory
innovationfactory@umontana.edu

OPEN HOURS  Monday-Friday 9am-5pm

WORKSHOPS  Fridays 10-12pm, always free!

Vinyl Cutter  attend both days  first pairing 1/31 & 2/7  second pairing 3/27 & 4/3
3D printer  attend both days  first pairing 2/14 & 2/28  second pairing 3/10 & 3/17
Files & Software  one day  meets 2/21
Laser Cutter  attend both days  first pairing 3/6 & 3/13  second pairing 4/24 & 5/1
Digital Embroidery  EVERY WEDNESDAY  12-1PM

ONE CREDIT COURSES

ARTZ 391.1K  DESIGN/FILES

five Fridays  10-1pm
Feb. 22-Mar. 27

Computer design and file-making basics. Covers CAD software, vector software and machining interface for efficient design and work-arounds. Hands-on studio environment, perfect preparation for further work in laser cutting and 3D printing.

ARTZ 391.2M  3D PRINT/LASER CUT

five Tues. 5-6pm +
five Fri. 10-12pm
Mar. 31-May 1

Precisely cut and engrave almost any material for your creative, design and prototyping projects. Covers digital fabrication basics, equipment, materials and process. Hands-on studio environment with basic CAM software skills.

ARTZ 391.3M  PROTOTYPE

five Fridays  10-1pm
Apr. 3-May 1

Learn to explore solutions through paper models, convert models to digital files, make an object, test and iterate. Useful for art, product design, entrepreneurial and scientific disciplines. Utilizes CAD & vector software and machining interface learned in IF Workshops or previous modules.

MART 391.2  HACKATHON

Fri. Apr. 3
meet 4-7pm
Sat. Apr. 4
work 8am-8pm

Work with a team to create a hack project based around the theme “REMIX”, working with all types of analog and digital media, music or code. Explore the creative process and practice rapid prototyping, ideation, and innovation during a marathon-style event known as a hackathon.

ARTZ 391.4 or ARTZ 391.80  DIGITAL MONTANA

Apr. 16 4-7pm
Apr. 17, 18, 19
10am-3pm

Working in interdisciplinary teams, students will use various research and experimental practices, including site visits, interviews, drawings, photographs, data collection, and design to investigate various aspects of digital technologies in Montana. Co-taught by faculty from the University of Montana and MIT University. Co-convened HONR course section.