

Fabrication Resources & Services

Multiple Fabrication Workspaces

- Paint Spray Booth
- Post-Production Workspaces

Hand and Power Tools

- Rotary Grinders, Sanders, Planer, Table Saw,
- Band Saw, Arm Saw, Drill Press

Vacuum Forming

- Formech 660

Computer Numerical Controlled (CNC) Machining

- ShopSabre 4896 Table Router

Prototyping Resources & Services

3D Printing

- Form 2 SLA Stereolithographic Printer
- Makerbot 5th Gen, Taz5 Lulzbot Extrusion Printers
- ZCorp 450 Full-Color Powder Printer

3D Scanning

- Einscan 3D Scanner

Large Format 2D Printing

- Canon ImageGRAF Pro 4100

Vinyl Printing, Plotting, Cutting

- Roland VersaStudio BN-20, BlackCat Vinyl Cutter

Electronics Resources & Services

Laser Cutting

- Universal VLS 4.60 50W Laser
- Full Spectrum 120W Glass Tube Laser

Electronics Desk Workspace

- Soldering and Desoldering
- Component Cabinets and Arduinos
- Heat Gun and Heat Shrinks
- Oscilloscope and Multimeter

Audiovisual Resources & Services

Audiovisual Labs and Workspaces

- Group Lab, Podcasting Lab, Post-Production Lab
- Electronic Music Production Lab
- Audiovisual Integrated Experience Lab
- Audio Recording & Production Lab

Microphones, Mic Preamps, Audio Interfaces

5.1 Surround Sound Monitoring and 4k Displays

Industry Standard AV Software and Plugins

- Adobe CC Suite, AVID Pro Tools, Waves, Reaper

Theater Lighting Design

- ETC Element Console
- Programmable Moving Lights

Multifunction Spaces

IMRC 104 - Allen & Sally Fernald Adaptive Presentation and Performance Environment (Full Capacity: 125)

- Supports installations, galleries, construction, experiments, filming/sound staging, photography, musical recording, production and performance, theatre, dance, classroom and co-curricular use and more.
- Outfitted with technology necessary for groups or individuals to provide an excellent exhibition or presentation, ideal for unveiling, discussing, and recognizing projects, research, artworks, and performances.
- Movable walls, curtains, scrims, and windows, adjustable sound and lighting devices, freeform seating for up to 75 persons, and a retractable exterior wall for outdoor facing projection or performance (weather permitting) encourages innovative uses for the space.
- Other resources include a green screen, 20' reverse projection screen, 2K digital projector, JBL loudspeakers and subwoofers, Sennheiser wireless microphones, and a robust and user-friendly Crestron Audiovisual infrastructure.

IMRC 112 - Information Technology Classroom (Full Capacity: 25)

- Features four large smart tv screens mounted on fully white boarded walls, a movable teaching position, grouped table and seating arrangement, and Extron audiovisual system and control panel with large format projector screen and speakers.
- "Breakout groups" ready - room 112 supports flexible, collaborative learning, group conversation, and brainstorming.

IMRC 113 - Computing Classroom (Full Capacity: 25)

- Outfitted with 17 iMac workstations and WACOM drawing tablets, industry-standard mixed-media composition and editing software including Adobe CC, Apple Final Cut, and Autodesk Fusion 360. Room 113 also features a large-format projector, screen, and speakers positioned for shared instruction and presentation utilizing Extron audiovisual system and control panel.
- Provides students, faculty, and guests with high-performance classroom technology resources and agile mixed media tools.

IMRC 122 - Seminar Room / Conference Room / Classroom (Full Capacity: 15)

- Designed to support staff and faculty meetings, project working groups and focus groups, student clubs, film screenings, video conferences, and webinar development, IMRC 122 is FaceTime, Skype, Zoom, GoToMeeting, and Google Meet ready.
- Outfitted with a 70" high-resolution display panel, region-free DVD and Blu-ray player, MacMini computer, wall-mounted PTZ camera, and wireless microphones. Audiovisual controls are accessed via the wireless keyboard and mouse and wireless touch-panel.