MAKING CHANGES

Sustaining Innovative Services During a Pandemic

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What We’ll Cover Today

1. Examples of online maker services
2. Maker Kits
3. Justifying new/ongoing costs of emerging tech to leadership
About the MUL Makerspace

- Opened in August 2019
- Equipment:
  - 3D Printers
  - Carvey CNCs
  - Sewing/Embroidery Machines
  - Silhouette Cameos
  - Heat Press
  - Sublimation Printer
- From the Makerspace’s opening in August 2019, to our COVID-related closure in mid-March, 2020, we saw 977 total walk-ins, and 312 unique registered users
In-person Events

- Total attendance for Fall 2019 Makerspace events was 561, and 115 for the first part of Spring 2020 semester before closing
- I Heart Art
- Creepy Crawly Crafts
- Craft Your Heart Out
- MakeHERspace
Friday Make-Alongs

- Recreate community of in-person events
- Very simple projects
- Focus on student well-being, anti-stress
Zineclusivity

- Stories of discrimination, micro-agressions, sexual harassment
- Students expressing frustration

Give students a voice and outlet
- “How can we make Miami more inclusive”
- Tour of Queer Zine Archive Project
  - Talk on using zines for social justice

Dear Miami University
Sharing the stories of discrimination marginalized students have experienced at Miami University. #dearmiamiu
Click the link below to tell your story.
linktr.ee/DearMiami
Followed by _dopeassmom_ zerowasteoxford, and sethsrobot

Oct. 30, 12 – 2 p.m.
Register: bit.ly/csid_i_community_reg

With a Tour of the Queer Zine Archive Project!
Screenshot from Boise State MakerLab Discord Server
Canvas Modules

Makerspace: Intro to Making

Welcome to Podcasting Basics!

Creating a podcast is a great way to share your story, engaging with your audience. It can be in a storytelling format, conversational with a presentation. There are some basics to consider to add production value and improve the quality of your audio.

Equipment: To produce something that is both professional and engaging, let's cover the equipment needed for a basic podcast.

1. Microphone: A high-quality microphone is essential for capturing clear audio. Options range from budget-friendly to professional-grade.
2. Audio Interface: Connect your microphone to your computer or recording device. An audio interface is necessary for recording higher-quality audio.
3. Computer or Recording Device: A computer equipped with recording software or a dedicated podcasting device can help you manage and produce your podcast.
4. Editing Software: Adobe Audition, Grammarly, or other tools can help refine your audio after recording.

Production: Let's dive into the production process, from planning to publishing.

1. Planning: Decide on your podcast's theme, target audience, and content outline.
2. Recording: Organize your recording space, ensure good lighting and sound quality.
3. Editing: Edit your audio to remove any unwanted noise or errors.
4. Publishing: Share your podcast through platforms like Apple Podcasts, Spotify, or other podcast directories.

Let's walk through each step in more detail.
Libguides
Equipment specific & Spaces/Labs
Even though the physical Makerspace at King Library is temporarily closed, there are still plenty of options to be creative and get your mind working from home. Being a maker is not about expensive machinery or any particular tool or technology. It’s a mindset. The maker mindset means looking at the world around you and believing that you can create amazing things, make new discoveries, and change things for the better.

This guide contains information and ideas for makerspace projects that you can work on at home with minimal materials. With this guide, you can find a fun project that can be completed with common household objects, explore options for digital maker projects, learn a new skill with online tutorials and videos, and also explore ways to use your maker skills to help others during the COVID-19 pandemic.
Chat Service
“Tell me and I may forget, teach me and I may remember, involve me and I learn.”

—attributed to Benjamin Franklin
Kits Available for Check Out

**AV Kits:**
- USB Mic w/ tripod stand and pop filter
- Portable backdrop w/ stand white/black
- Backdrop panel chroma key green/blue
- HD Webcam
- Desktop Ring Light
Future Kits in Development

Sewing Kits

Arduino Kits

Audio Kits

Robotics Kits
Augment Costs with Grants

Shows library leadership:

- Ideas have value
- You have dedication
- Library doesn’t have to shoulder all costs
Working with Faculty

- Increase traffic & usage
- Shows value to admin
- Enrich learning at your institution
Infographics are Your Friend!

Makerspace Fall 2019 Overview

Highlights
The C+I Makerspace opened its doors at the beginning of Fall semester, 2019.

Notable tours included President Greg Crawford and Provost Jason Osborne and honorees of 18 of the Last 9, a yearly award for outstanding young alumni.

Activity in the Makerspace was punctuated by fun and engaging events, from the Welcome Home event at Armstrong Student Center that brought in hundreds of first-year students, to Creepy Crawly Crafts, where students learned Makerspace technology through fun Halloween projects.

TOTAL WALK-INS: 534
TOURS GIVEN: 13
WAIVERS SIGNED: 210
EVENTS HELD: 10
TOTAL EVENT ATTENDANCE: 561
EMBEDDED IN 3 CLASSES

Makerspace Use by Machine

- Sublimation Printer: 20
- HEAT PRESS: 20
- EMBROIDERY MACHINES: 6
- SEWING MACHINES: 24
- SILHOUETTE: 115
- CARVEY: 20
- 3D PRINTERS: 134
- TOTAL WALK INS: 534
Connecting to MUL and Miami Strategic Plans/Mission/Values

OUR STRATEGIC GOALS

Develop talent, resources, and experiences to facilitate an inclusive community.

Transform the Libraries’ environment and user-centered experience to anticipate evolving modes of learning and the actual resource needs of our community.

Forge meaningful partnerships that foster affordability, ensure relevancy, and cultivate life-long connections.

OUR MISSION AND OUR VALUES

We proactively connect our community with the personalized guidance and resources to empower discovery, creation, and success.

Welcoming
You matter • You belong

Curious
Always wonder • Always learn

Collaborative
Find connections • Forge partnerships

Trailblazing
Boldly create • Fearlessly innovate

How will Miami University achieve these goals?

We will honor Miami’s legacy of distinguished undergraduate teaching and learning.

We will generate knowledge and scholarship to benefit the world around us.

We will create experiences that empower students to succeed.

We will transform Miami for a new era, standing still is not an option.

We will prepare tomorrow’s leaders with select graduate programs.

We will welcome all to an inclusive Miami community that reflects our core values.

We will RISE to the moment.
Questions?

Contact Us!
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