McIntyre Library Makerspace Proposal

# What is a makerspace?

A makerspace is a space that contains tools, resources, and experts related to the creation of physical items and digital content.

# What is our plan?

* We will renovate a room in the McIntyre Library and purchase furniture
* We will purchase basic and advanced tools that facilitate creation
* We will stock basic materials—offering small quantities at no charge
* We will staff the makerspace with student workers and Library/University faculty/staff when possible. Target will be 8 hours per week day during the semester
* We will work with Library/University faculty/staff to schedule events and training such as:
	+ Make your own guitar effects pedal
	+ Build a Lego robot
* We will work with University faculty to incorporate makerspace projects into the curriculum
* We will work with students to complete their own personal and class projects

# How do students benefit from a makerspace?

* Access to tools and expertise for personal and class projects
* A community. Opportunities for social interaction
* Opportunities for collaboration
* Prototyping for entrepreneurs/startups
* Education students are encountering makerspaces in K-12 schools. Let’s prepare them

# How does campus benefit from a makerspace?

* A makerspace, with its focus on projects, makes great stories to tell
* The physical nature of the projects and tools make great photos
* Increasingly, schools without a makerspace will be seen as falling behind
* Increasing student involvement in extracurricular groups and activities will increase retention
* Some students learn best when provided an opportunity for hands-on learning. This is an Equity issue

# What are we asking for?

Startup budget

$20,000 - Renovating space and purchasing furniture

$40,000 - Purchasing equipment

Ongoing budget

$16,000 – Staffing/materials/equipment repair