Materials, Services, Facilities and Technology Fee
Fiscal Year 2019-2020 Budget Request Form

DUE: Friday, January 25th, 2019

If you have questions about this form, please contact David Daniels at david.daniels@csuci.edu

For additional information please consult the MSFT web page

▾ Application

Project or Activity Title

Student Makerspace-- Broome Library

Requestor

Debra Hoffmann

Requestor Phone Number

8054372701

Requestor Email

debra.hoffmann@csuci.edu

Staff Support Member for Activity

Debi Hoffmann

Staff Support Member Email

debra.hoffmann@csuci.edu

Amount of MSFT Funding Requested

66000.00

Date Funding Needed By

7/1/2019

Are you a member of the Division of Student Affairs?

● No
○ Yes

Please select your AVP/Dean

Stratton, Steve - Interim Dean of the Library

Require_DSA_AVP_Review

Will you receive funds from any other source(s)?

● No
○ Yes

Has this project or activity previously received MSFT funding?

● No
○ Yes

Please describe how the use of MSFT funds for this project or activity will benefit the CI student body.

Please provide the following in your application. You may attach additional files as needed (applicants may be requested to meet with the committee to discuss proposals)

1. **Brief Project Description**

   Describe the project and its benefits to the educational or co-curricular experience of students at CI. Please provide specific information about how MSFT funds will be used and their impact on the campus. Please describe how this project benefits CI students? Please describe items and provide justification if your request includes the purchase of computers, equipment, furniture or other materials. Please provide a timeline for implementation of the proposed project. If physical improvements are requested please describe need, scope and impact of work to be completed. If the project includes provision of services please indicate the type of service, personnel costs and level or quantity of service to be provided with project funds.

2. **Project/Activity Budget**

   Please enclose a complete detailed budget of the entire project. Indicate specific items of requested MSFT funding including (where applicable) a schedule and priority of project items to be considered if the project is funded at a reduced level. Were other, less costly, approaches considered when preparing the budget for the project? Are there elements that could be eliminated or deferred if funding is not available for the entire project?

3. **Project Assessment**

   Describe how the effectiveness of the project will be assessed and measures that will be used to determine if it has attained its objectives. Please note a report will be due at the end of the semester (or fiscal year for annual projects). If funded, how will the project acknowledge the use of student funds so that students are aware that their student fees made (or helped to make) it possible? If appropriate, indicate how the project or activity promotes sustainability at CI.

4. **Sources of Project Support**

   Please list the other sources of funding, and additional support for the activity. If this project or activity has been conducted previously please indicate how it was funded. Please explain if MSFT is the only source of support for the project.

Brief Project Description

"Makerspaces provide equipment, tools, and space, in a community environment to foster collaboration for creative endeavors, hands-on learning, and invention. Makerspaces have evolved in academia as cross-disciplinary cooperative areas that include tools and equipment that are too expensive or specialized for most students to have in their homes, and to provide a gathering place create and collaborate." (adapted: Mears, Logue, Kouame, Augusta University, 2017).

Makerspaces foster critical thinking, problem solving, communication, and collaboration skills, and contribute to student retention on campuses. In support of the University's mission, a student makerspace will addresses issues of equity and inclusive excellence at CI. Currently in the CSU, CSUN, San Jose State, San Diego State, Cal Maritime, Sonoma State, CSUSB, CSULB, CSUF, Sacramento State, and San Francisco State, among others, already offer makerspaces to their students.

Brief Project Description Additional Documents

Project/Activity Budget

$66,000 for equipment (please see attached budget)

Project/Activity Budget Additional Documents

Maker Space_ Equipment Chart_Jan2019.docx

Project Assessment

Direct observation; usage statistics

Project Assessment Additional Documents

Sources of Project Support

MSFT is the only source of support for this project.

Sources of Project Support Additional Documents

Accounting String to Fund Any Overage Above MSFT Award

619902-GD901-840

Fiscal Management:

Project sponsor's unit or department may be responsible for incurred over and above what is funded through the MSFT. If support is requested for costs beyond initial award, or for use on activities or materials not included in approved proposals, the project sponsor must seek approval from the MSFT committee. The project sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

Please review MSFT web page for information about the fund and its objectives before submitting your application.

| ✏ Debra Hoffmann | Jan 24 2019 |

▾ AVP/Dean Review

● I recommend approval of the MSFT Funds Request described on this page
○ I DO NOT recommend approval of the MSFT Funds Request described on this page

Comments

| ✏ Stephen Stratton | Mar 5 2019 |

Broome Library Makerspace- MSFT Equipment Request
January 2019

area	item		price	number	total
3d printer					
	FlashForge 3D Printer Creator Pro		800	3	2400
	Monoprice Select Mini V2, or Voxel		330	4	1320
	Tiertime UP mini 2 ES		700	3	2100
	Tiertime UP300		2200	1	2200
	supplies for 3d printers		500	4	2000
CNC Mill					0
	Inventables Carvey		2800	2	5600
	Supplies for CNC		500	2	1000
scaner 3d					0
	Matter and Form MFS1V1 3D Scanner		500	2	1000
					0
Cutter Digital					0
	Brother CM350 ScanNCut 2		250	3	750
	USCutter SC Series Vinyl Cutter		1000	1	1000
	supplies		500	2	1000
Sewing					0
	Brother Embroidery Machine PE800		800	2	1600
	Brother Sewing and Quilting Machine PQ1500SL		600	2	1200
	Brother portable Sewing CS6000i or XR9550PRW		200	6	1200
	Heat Press		200	2	400
	tools supplies (rotary cutter, mat, needles, thread, ect.)		500	4	2000
Electronics					0
	Function generator		500	4	2000
	Oscilloscope 2 channel		400	3	1200
	Oscilloscope 4 channel		800	2	1600
	power supply 3 output		400	4	1600
	robot power supply		100	4	400
	Benchtop Multimeter		500	4	2000
	Soldering Iron Rework Station		150	4	600
	Desoldering Station		150	4	600
	soldering station		100	4	400
	tools & supplies for electronics work		500	4	2000
Furniture	work benches, cabinets		800	8	6400
computers	computers		2000	8	16000
				total	61570
				with tax	66033.83