University of Washington Tacoma

Student Technology Fee Committee (STFC)
Annual Allocation Request

ALLOCATION REQUEST DATE INFORMATION

Date Created: 2025-02-04 13:34:41   Date Due: 2025-02-07 12:00:00   Date Submitted: 2025-02-04 13:40:50

ALLOCATION REQUEST TITLE/DESCRIPTION

Request Title: 3D Printing

Request Description: 3D Printing Support wage & supplies

ALLOCATION REQUEST INFORMATION

Department Name: Information Technology

Contact Names: Keiji Oka

UWT Email Address: oka@uw.edu

Title of Request: 3D Printing

Request Code: 25A0480

UW Tacoma Affiliation: Staff

Phone Number: 692-5610

Type of Request: Continuous / Ongoing

Department Head Approval: ✔   Department Head: Patrick Pow

Annual Request Information

1. Background: Review and discuss the context of the proposed technology in detail. Explain how this proposal will be used in conjunction with an original proposal or existing technology. If applicable, how is the current technology disabled or inadequate?

We are requesting funds for continued supplies, and wages for a student worker that will be trained in 3D printing in order for them to train/assist students. I am requesting for more than minimum wage due to the position needing more training and having more responsibility. Our student workers are assisting students to produce their assignments for their classes. 3D Printing is an up-and-coming technology; it is currently being utilized by in a variety of different industries, and is expanding exponentially. This training would give students the knowledge to operate a 3D Printer properly as well as to have someone that can assist them in the 3D Printing. We have had a lot of 3D printing requests this past year. We have had 103 different 3D printing requests that we finished. As you know, 3D printing is a time-consuming process. This request is a continuous initiative, which has been funded for years.

2. Benefit to Students: Discuss how students have (for returning applicants) or will (for new applicants) benefit from this technology. How will additional funding of the technology benefit students?

The use of 3D Printing can be utilized by all students on campus for presentation aids, projects, or personal growth. For example, a biology major can 3D print a cell structure. A history major can print models of artifacts and people from history. An art major can use 3D printing to express their artistic design. Or an engineering major can make a case to hold a circuit board. As you see, there are many uses for 3D printing that utilized by all students no matter the major. The software that will be used is open source and can be installed and used by any student. This will benefit students that come in to the lab in WG108 with the interest in 3D printing.

3. Access: Describe who will be using or will have access to the resources being proposed. In addition, all previous requestors, please provide historic data highlighting the usage and accessibility of technology. All new requestors, please provide user need data.

> Only registered University of Washington Tacoma students will be allowed to print to these printers.
>
> *WG Lab/Helpdesk*
>
> Monday-Thursday 7:30 AM to 9:00 PM, Friday—7:30 AM to 3 PM, Saturday--9 AM to 5 PM, Sunday-CLOSED

4. Timeline: Provide a timeline showing how the proposed technology can be completed during the requested period. Describe when you would like to see this proposal initiated and completed, and why.

> For the supplies, the proposal is an on-demand funding proposal with a duration of 7/1/2025 – 6/30/2026.
>
> Student(s) will be hired/maintained in order to keep the 19 hours a week availability.

5. Resources/Budget: Discuss available financial, personnel and space resources devoted to the proposed technology and level of support. Proposal must detail all the items/resources requested to be purchased. This includes filling out the Item Detail in next section.

> Continued supplies will be purchased when the need arises. Space has been allocated in the WG 108 lab for the supplies.

Funding Request Items

Item	QTY	Cost Per Item	Shipping Fee	Tax Per Item	Subtotal
3D Printing Assistant Wage (Hours)	1000	$17.25	$0.00	$0.00	$17,250.00
Benefit Costs (23.5% of the wage)	1	$4,053.75	$0.00	$0.00	$4,053.75
Supplies/Tools	1	$1,000.00	$0.00	$103.00	$1,103.00
				OVERALL TOTAL:	$22,406.75