**TECHNOLOGY NEEDS ASSESSMENT APPLICATION**
**Fall 2019**

Technology: Programs should list the technology needed to provide ongoing service or instruction, and an approximate cost of the request. *Technology that is listed in this category will be forwarded to Campus Technology Services to evaluate through their own processes.*

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| Name of Person Submitting Request: | **Jim Stewart** |
| Program or Service Area: | **Art Department** |
| Division: | **Arts and Humanities** |
| Date of Last Program Efficacy: | **Spring 2019** |
| What rating was given? | **Continuation** |
| Amount Requested: | **$6,200.00** |
| Strategic Initiatives Addressed: | **#2 – Promote Student Success**<br>**#6 – Provide Exceptional Facilities** |
| Needs Assessment Resources (includes Strategic Initiatives): | https://www.valleycollege.edu/about-sbvc/campus-committees/academic-senate/program-review/needs-assessment.php |

Replacement ☐ Growth ☑

1. **You are required to meet with Rick Hrdlicka – Director of Campus Technology Services--by WEDNESDAY, OCTOBER 9 if you are submitting a Technology Needs Request. 909-384-8656 or rhrdlicka@sbccd.cc.ca.us.**
   **Please provide the date of your meeting.**

Rick Hrklicka approved this request by email on September 25, 2019.

2. Projects that require modification to Buildings or Rooms will require a Facilities Need Request. Will this project require facilities changes?

No

3. What technology-based equipment or software are you requesting?

The request is for a 3D PotterBot 9 Pro printer. The printer is a 3D printer made, especially for the ceramics industry. The 3D Potter printer works like a regular 3D printer; only it prints in clay.

4. Indicate how the content of the department/program's latest Efficacy Report and/or current EMP supports this request and how the request is tied to program planning. *(Directly reference the relevant information from your latest Efficacy Report and/or current EMP in your discussion.)*

The most current EIS data indicates the FTES in the Art Department for 18-19 are 273.28. The student success rate is 73%, and retention rates are 89%. We want to ensure student success and development for students enrolled in art classes by having up-to-date equipment. This request is tied to student success (p. 9) and program productivity (p. 36) of the 2019 Program Efficacy Report.

5. Indicate any additional information you want the committee to consider *(for example, regulatory information, compliance, updated efficiency, student success data, or planning, etc.).*

The introduction of a 3D ceramics printer will integrate art and technology and introduce more students to digital design while expanding their artistic process. A 3D clay printer will move forward the interdisciplinary space between a traditional art medium and new technology to better prepare our students for transfer and careers.

the young artists are now stepping out of their creative comfort zone by experimenting with digital design

6. Provide a complete itemized list of the initial cost, as well as related costs (including any ongoing maintenance or updates) and identification of any alternative or ongoing funding sources. (*for example, Department, Budget, Perkins, Grants, etc.*)

The only related cost is the purchase price of the printer — the cost of the clay a part of the department budget. The printer requires a minimal amount of maintenance.

7. What are the consequences of not funding this request?

Incorporating new technologies into the ceramics area provides our students with the tools necessary for more extensive opportunities in the future of ceramic art and career opportunities. Not funding the request puts our students at a disadvantage when transferring to four-year institutions using 3D ceramics printing and limits their access to learning new technologies needed for their futures.