

Student Success Fee: Special Projects for Improving the Classroom Experience (SPICE)

Request for Proposals to Modernize Classroom Equipment

Proposals due Friday, January 26, 2024, by 11:59PM
for funding in AY 2024-25

PURPOSE

Funds are available through the Student Success Fee to replace classroom equipment and software and to modernize specialized equipment used in labs and in the classroom.

Academic departments, colleges and programs are eligible to submit proposals. **Proposals will not be accepted from individual faculty.** Proposals will not be accepted for spaces for which research is the primary function.

In addition to other areas of innovation, we would like to call your attention to two specific areas of focus for AY 2024-2025 competition. Applicants are encouraged to propose innovative approaches/technologies that offer:

1. "PolyX" (signature polytechnic experiences) that involve students in discovery, addressing challenges in the field, collaboration, involvement with the community, and mentoring, and/or
2. Course experiences that improve teaching and learning in flexible learning modalities (e.g., mixed face to face and synchronous, flipped, hybrid, hyflex, etc.) experiences. (**NOTE:** As we return to primarily face-to-face instruction, flexible learning modalities will remain important to many programs. In addition, strategies and resources that support flexible learning modalities often enhance the learning experience in face-to-face classes.)

PolyX is the formalization of Cal Poly Pomona's learn-by-doing philosophy and promotes students' discovery of the opportunities and challenges within the field and the development of creative and innovative solutions to those conditions. Through collaborative learning and intense mentoring, PolyX engages students beyond the classroom and prepares them for professional and civic success. Please see [PolyX Hub](#) for additional information.

[Seven criteria of a PolyX:](#)

Intense mentorship

Dissemination beyond the classroom

Creativity, discovery, and innovation
Diverse and multidisciplinary perspectives
Global and community engagement
Collaborative learning
Critical thinking and problem solving

(Please note that your project does not have to be in the [PolyX](#) Hub to qualify for a SPICE grant.)

Proposals will be shared with deans and department chairs to encourage coordination of resources and to avoid duplication.

ELIGIBLE PROJECTS AND COSTS

Projects must address classroom or lab equipment or software. Eligible projects include but are not limited to lab and classroom equipment, new equipment, replacing or upgrading equipment, specialized software, and non-standard classroom furniture. Costs for the purchase and installation of equipment, room upgrades, and necessary building infrastructure upgrades should be addressed in the proposal.

It is not typical to include **reassigned time or summer pay in Classroom Modernization proposals. If necessary, use \$2,250 per WTU.**

Funds are state dollars (not Cal Poly Pomona Foundation, Inc.) and will be spent using [state processes, guidelines, and deadlines](#). See [new guidelines](#) for expending State funds on food for student events or professional development events, or for paying individuals to participate in surveys and studies.

NOT ELIGIBLE: Unrelated room upgrades/facility modifications, standard classroom furniture, consumables (e.g., sheet metal, test tubes), routine/recurring maintenance and repair needs.

Costs: Typical proposals range from \$10,000 to \$18,000. Maximum for any single proposal is \$30,000. Proposals for less than \$10,000 are also welcome. Proposals may be partially funded.

*If there is a lack of eligible proposals for funding, the remaining available funds may be transferred to Innovative Approaches to Instruction.

REQUEST FOR IT AND FACILITIES COST ESTIMATES

If applicable, proposal budgets must include rough estimates provided by Information Technology & Institutional Planning (IT&IP) and/or Academic Resources and Planning as appropriate. For example, if a proposal calls for computer equipment installation, IT&IP must provide a rough estimate of the total cost of equipment, plus installation. If the room where the computer equipment will be installed requires additional electrical outlets, proposers should contact Andrew Naranjo, Capital Projects Specialist in Academic Affairs.

- For estimates from IT&IP, please submit a “Make a Request” [help ticket](#) and put "SPICE Funding - Technical Review" in the short description box.
- For assistance with scoping out the infrastructure requirements and advice on potential costs, please contact Andrew Naranjo at amnaranjo@cpp.edu and include in the subject line that it is a SPICE estimate. If you are proposing the purchase of equipment, please provide vendor specifications for the equipment you intend to purchase.
- To include the estimates in your proposal, upload PDFs of the estimate documents as attachments to your proposal.

Any proposal requiring infrastructure additions/alterations, cosmetic or physical improvements to a room or teaching facility must have approval from the Dean of the College, and are subject to applicable California building code, fire/life/safety, and permit requirements. The project must consider, and the budget must include, any infrastructure needs such as electrical, ventilation, plumbing, and space clearances (including height). It is highly recommended that interested faculty submit their request for estimates as soon as possible and allow ample time (4-6 weeks) for the estimates.

TIMELINE

- Deadline for submission -- January 26, 2024
- Selection and notification to awardees – April 16, 2024
 - [Abstracts of successful proposals will be listed on the SPICE website.](#)
- Funding approval is conditional on final approval by FP&M or IT&IP, if applicable
- Completion of spending – By the end of the 2024-2025 fiscal year (June 30, 2025). University spending deadlines will apply. We recommend planning to submit all expenditure requests no later than February 28, 2025, to assure expenses post in time.
- Commencement of work – July 1, 2024
 - Selected proposals that require IT&IP and FP&M work orders will be scheduled in cooperation with those departments.

PROJECT SELECTION

The Special Projects for Improving the Classroom Experience (SPICE) Committee includes faculty members, student leaders, and representative administrators from Academic Affairs, Information Technology & Institutional Planning, and Facilities Planning & Management. The primary criterion for selection is potential impact on student learning.

Projects initially selected for funding by the committee will be reviewed by Facilities Planning & Management for final approval following assessment of the infrastructural impact of the project. See below for a detailed selection rubric.

USING FUNDS IF AWARDED

If funds are awarded, a budget allocation will be made to the department and expenditures tracked with a SPICE-related class code in the chartfield-string used on all paperwork. Funds are state dollars (not Cal Poly Pomona Foundation, Inc.) and will be spent using [state processes, guidelines, and deadlines](#).

Awarded funds must be used for the purposes for which they were budgeted, with reasonable deviations allowable.

University Administrative Processing Timelines apply, with some deadlines as early as March 2025 depending upon the activities involved. We recommend planning to submit all expenditure requests no later than February 28, 2025, to assure expenses post in time.

FOR QUESTIONS

Please email spicecommittee@cpp.edu.

APPLICATION TO MODERNIZE CLASSROOM EQUIPMENT

Note: The application form provided below is for proposal planning purposes. For proposal submission, the components noted below will be entered into the InfoReady proposal submission and review platform: <https://cpp.infoready4.com/>. You will need your CPP login credentials. Please note that proposals may be submitted starting on November 13, 2023, and are due on January 26, 2024, by 11:59pm.

Application Title:
First Name:
Last Name:
Email:
Telephone:
Primary Appointment Title:
College:
Department:
Collaborators:
Requested WTUs:

Total Funding Requested:
Is Partial Funding Acceptable? (Y/N):
Proposal Title:
Proposal Abstract:

**Proposals must be submitted via InfoReady.
The deadline to apply is January 26, 2024, by 11:59pm.**

Use the questions below for planning your proposal. When ready, use the InfoReady platform to submit your proposal: <https://cpp.infoready4.com/>. You will need your CPP login credentials.

Please answer the questions below briefly) and provide an attached budget (see the budget template below). Extensive detail is not necessary; however, please provide enough to inform the selection committee fully.

1. Describe the purpose of the request and the anticipated impact it will have on student learning, with reference to program goals. Describe plans for assessment of the project's impact on student learning. (Character limit 10240 / Word limit 1000).
2. Describe the scope of the project. How many students will this project affect? Is there a particular group of students who will be addressed, e.g., graduating seniors, veterans, student parents, students from groups historically underrepresented in the field or the university, etc.? Will the project benefit students in ways other than specific learning outcomes, e.g., enhanced employment skills or graduate school readiness? (Character limit 10240 / Word limit 1000).
3. Address sustainability issues related to maintenance costs, ongoing supplies, etc. (Character limit 10240 / Word limit 1000).
4. What resources do you need to complete the project? Using the attached budget template, provide a detailed budget, including justification for items requested. The project must consider, and the budget must include, any infrastructure needs such as electrical, ventilation, plumbing, and space clearances (including height). (Character limit 10240 / Word limit 1000).
 - a. Does your project involve purchasing furniture or equipment?
 - b. If yes, which building and room will it be going into? What utilities does it require (power, internet, water, gas, other)? (Character limit 10240 / Word limit 1000).
 - c. Do your proposed activities require room or building system upgrades? Yes or no. If yes, please explain. (Character limit 10240/Word limit 1000).
 - d. Is your project partially funded by other sources? Please elaborate. (Character limit 10240 / Word limit 1000).
 - e. Would partial funding benefit your project? If your project is partially funded, how would you adjust the project to meet the partial funding amount? (Character limit 10240 / Word limit 1000).

5. Is your project in the [PolyX Hub](#)? Yes or No. If no, and you believe your project satisfies the requirement for a PolyX, you are encouraged to apply for your project to be included in the PolyX Hub. Please see PolyX Submission instructions [here](#). It is **NOT** required that projects are submitted to PolyX to be considered for SPICE funding, but projects that are submitted to PolyX may receive bonus points (please see the selection rubric for details). Please include the email notification of your PolyX submission as an attachment to your SPICE application. If your project is already in the PolyX Hub you do not need to provide any additional information. (Character limit 10240 / Word limit 1000).
6. Describe how your project supports flexible learning modalities (e.g., mixed face to face and synchronous, flipped, hybrid, hyflex, etc.). (Character limit 10240 / Word limit 1000).

COMMITMENT STATEMENT

If my project is selected for the replacing/modernizing classroom equipment program, I will:

- Use the project resources as outlined in my budget.
- Provide, upon request from the Improving the Classroom Experience Committee, a summary of spending and an assessment of the usefulness of the program.
- Provide dissemination materials upon request (e.g., a presentation at a brown bag or a university event, etc.)
- Expend grant funds during the 2024-2025 fiscal year, understanding that spending deadlines as early as March 2025 could apply.
- Allow my abstract to be listed on the SPICE website of successful applicants.

BUDGET TEMPLATE

Priority	Item	Amount	Justification
1	EXAMPLE: Cole-Parmer Compound Microscope with Display and Camera Plan objectives	EXAMPLE: 10 microscopes x \$1829 = \$18,290	EXAMPLE: This multifunctional compound microscope will enable students and instructors to observe and navigate visual fields with greater efficiency, while simplifying the capture of high- resolution microscopic images. These images can be projected in real time, shared, and/or stored for later review, editing, and incorporation into presentations and laboratory reports. This is an industry standard microscope. The cost quoted is competitive, with a volume discount included.
2	Microscope covers	\$1,200	
3	Cleaning solution	\$2,000	
	(Add rows as needed)		
	Total request	\$21,490	

SCORING RUBRIC

(TO BE USED BY SELECTION COMMITTEE MEMBERS TO EVALUATE PROPOSALS)

BONUS ITEMS (EACH ITEM IS WORTH 2 POINTS)

Proposed activities focus on innovative approaches/technologies that offer “PolyX” course experiences that involve discovery, addressing challenges in the field, collaboration, involvement with the community, and mentoring. Projects that are in the PolyX Hub will receive bonus points. Projects that are submitted to the PolyX Hub will be considered for bonus points.

- 2 Yes
- 0 No

Proposed activities aim to improve/enhance teaching and learning in flexible learning modalities

- 2 Yes
- 0 No

REQUIRED ITEMS

Equipment supports student learning outcomes

- 4 Equipment is demonstrably and significantly important to meeting learning outcomes and/or will demonstrably and significantly improve the learning environment
- 3 Equipment is important to meeting learning outcomes and/or will improve the learning environment
- 2 Equipment is somewhat important to meeting learning outcomes and/or the learning environment
- 1 Relationship to student learning outcomes is not clearly demonstrated in the proposal

Scope of impact on students; inclusivity and equity

- 4 Equipment will benefit a very large percentage of students in the program, and/or will affect many (hundreds) non-program students by improving space that is in general use, AND plans for equipment use and student training are deliberately and carefully designed to incorporate inclusive strategies leading to equitable outcomes for all students.
- 3 Equipment will benefit many students in the program and/or a significant number of non-program students, OR plans for equipment use and student training provide attention to inclusive strategies leading to equitable outcomes for all students.

- 2 Equipment will benefit some students in the program and few non-program students, OR plans for equipment use and student training consider as incidental inclusive strategies leading to equitable outcomes for all students.
- 1 Equipment is focused on a narrow objective such that it will benefit a small number of students in a given academic year, OR project neglects inclusivity and equity

Equipment will help the program to meet industry standards or is cutting edge within the discipline

- 4 Existing equipment is substantially faulty or obsolete and needs immediate replacement, or there is no existing equipment for the purpose, or the new equipment reflects new or current innovative technologies
- 3 Existing equipment is having problems, and/or will be obsolete within 1-2 years
- 2 Existing equipment is workable but does not meet industry standards
- 1 Relationship to industry standards is not clearly demonstrated in the proposal

Equipment will be easy to integrate into current procedures

- 4 Equipment presents no barriers to any faculty member or student to use
- 3 Equipment may require an orientation for users unfamiliar with it, and/or training has been adequately addressed in the proposal
- 2 Equipment can be integrated into current procedures but will require significant training, which was not addressed in the proposal
- 1 Ease of integration of equipment into current procedures was not demonstrated in the proposal.

Budget is reasonable, and justification is provided for each item

- 4 Each item has been accurately and competitively priced and a strong justification for its utility is given
- 3 Items are appropriate but either pricing method is questionable, or justification is not strong
- 2 Rationale for both items and pricing is weak
- 1 Requests are not reasonable

Equipment use is sustainable

- 4 There are no expected additional ongoing maintenance expenses due to purchase of new equipment
- 3 There are minimal new ongoing maintenance expenses and the funding for those has been adequately addressed
- 2 There are significant new ongoing maintenance expenses and the funding for those has been somewhat adequately addressed

- 1 There are significant new ongoing maintenance expenses and the funding for those has not been adequately addressed

Total: 24 plus 4 bonus points possible

FOR SPICE SELECTION COMMITTEE USE ONLY

Please comment on any item that you scored less than 3, please also add any other comments you may have: