

Your proposal for Engineering Science has been sent back by Andrew Ibarra with the following comments:

We had several questions:

- 1) Do supplies and equipment costs match need-seem low to potential needs. Are you using course fees to offset some of these costs? Are you using existing equipment from other programs disciplines?

We will be using equipment from the Energy Systems Engineering program for classes in the first two years of the curriculum. Minor equipment needed for upper division courses are shown in the year 1 and 2 budgets under "services and supplies." Other major equipment purchases (Instron machine and Rockwell hardness tester) are contained in a "fixed furniture and equipment" budget for our new academic building (AB2) and will be purchased at the time of the building construction. The building will be ready in Fall 2021 which is consistent with the needs of the program.

- 2) Would there be additional marketing/outreach costs? How would updating websites, promotional materials be covered? Or does the larger Cascades budget account for this?

Marketing and outreach costs are part of the larger Cascades budget. The marketing budget includes line items for new programs.

- 3) Would .33 FTE for the Machine Shop Staff cover the needs of the 19.75 FTE of students that would need access to a Machine Shop? And how? Is the shop open for 13 hours a week, staff by student workers as well, etc. Is it already managed by costs through another program discipline?

Three courses will utilize the machine shop for curricular activities. MIME 101 will use the shop 2-3 times throughout the Fall term. ESE 497 and ESE 498 (Capstone Design) will use the shop intermittently in the Fall and Winter terms respectively. Other uses of the shop include research support for tenured and tenure track faculty. 13 hours per week of shop support will be adequate for these initial tasks. The staff position will also have oversight of maker spaces for our Arts, Media and Technology and Outdoor Products degree programs that will fund the remaining 0.67 FTE for that staff member. The machine shop staff is not a curricular or teaching position. The staff is there for operational concerns of the equipment in the shop and to make sure supplies are ordered and on hand. The curricular needs in the machine shop are handled by course instructors.

- 4) Please move the student worker out of the supplies and services section and allocate them in personnel. You may have already identified the OPE with them, but that should also be identified in there.

Done.

If you have questions on our questions dont hesitate to call (76811)

(comment from Andrew Ibarra on October 4, 2019 3:34 pm)