Student Services and Administrative Operational Annual Program Review and Planning Update Form Fall 2024

## BACKGROUND:

**Program review is an integral part of the campus planning process. As programs and areas monitor their progress on the current comprehensive four-year program review, changes in need and scope can be expected. This Annual PR Update form is designed to outline and request modifications to the current program review that occur between comprehensive four-year review cycles, as needed.**

**Examples of a requested change include new information such as action plans, outcomes modifications, personnel changes, technology needs, and capital expenditures requirements. As programs and areas monitor their progress on the previous comprehensive four-year program review, the form provides the basis to suggest a change in plans and processes to improve student success and institutional effectiveness.**

## SUBMISSION:

**Program:**

Sustainability

**Principal Author(s):**

Tyler Deacy

**Manager:**

Henry Hua

**Submission Date:**

12/01/2024 11:00:53 PM

**Author Signature:**

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| Electronically signed by Tyler Deacy on 11/05/2024 11:28:50 AM |

**Manager Signature:**

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| Electronically signed by Henry Hua on 12/01/2024 11:00:53 PM |

# Part 1: Review of Data

1. **List the outcomes from your Fall 2022 self-study. Which outcomes has your program assessed in the last year and/or which do you plan to assess in the coming year?**

Program Outcome 1: Plan, develop, direct, and manage campus special projects relating to the reduction of the campus footprint through electrification, on-site generation, and climate resilience. Assume leadership for attainment of project goals and objectives.

Program Outcome 2: Direct the preparation and maintenance of detailed and comprehensive data reports, records, and files relating to campus sustainability including but not limited to AASHE STARS, ASHRAE Audits, and other such data collections which seek to support other sustainable objectives.

Intended Outcome 1: Office will demonstrate a reduction of campus footprint through measurable decreases in utility bill data.

Intended Outcome 2: Office will upkeep and manage data collections for ease of use for all sustainability-focused projects on campus.

Campus footprint reduction is difficult to measure as a reduction, considering our GHG emissions are steadily climbing back out of the pandemic. That being said, overall Scope 1 and 2 emissions (combined) are down from a combined 5,430.28 in 2019 to 5,166.94 in 2023, a reduction of around 4.5%. Our solar panels have been the major focus of the last year, which will drastically reduce our Scope 2 emissions by decreasing our electricity purchases. The next big step will be to capitalize on the new on-site generation by moving some of our gas equipment (boilers, fleet vehicles, etc.) from gas to electric to reduce Scope 1 stationary combustion. Our office's data collection serves to quantify these things.

Finally, our utility bills are measurably lower than they were pre-pandemic (12.6M kWh vs 13.25M electric, 425k therms vs 449k gas, 21.5M gallons vs 35.2M water). However, we are paying more than we were in 2019 due to the extreme increases in utility costs since then.

1. **What changes, if any, have been made to your program or outcomes as a result of outcomes assessment?**

There have been no substantial changes to my program as a result of the measurement of and decrease of our GHG emissions. However, we are rapidly approaching the 2025 deadline to benchmark GHG emissions as a District, as directed by the CA Chancellor's Office. To this end, in the last few weeks the Board approved a district-wide Sustainability Action Plan which will serve as our compass for the next 10 years.

The CA CCC Office asks districts for a 75% reduction by 2030, and 100% by 2035 in GHG emissions. Our roadmap will be to begin the work to expand our clean energy purchasing and decrease gas usage over the next 5 years to get into this range. The structuring of Sustainability as an area district-wide is currently being worked out, with the SAP calling for a District Director, as well as campus-level personnel who can get the groundwork done here. It is likely the district-level position opens up and is hired before the next review, but the 4 years we've had with this Special Projects role has put Fullerton well ahead of the curve in our reduction goals. When a campus-level position is brought back in the future, the Campus Sustainability Plan will need to be re-evaluated and work groups brought back together to re-up the campus's goals in alignment with the new district SAP.

1. **How is your area collecting or working to collect disaggregated, student-level outcomes assessment data?**

The vast majority of this area's data collection is based in the physical campus, not student data.

We did have a student sustainability survey this last spring, though it had a sample size of only around 105 students. From the data we did gather, it was mainly directed at student behavior, including commuting patterns. Most of the data comes from surveys done during Earth Week and may be biased towards environmentally conscious students as a result. We are working to find a time and funding to do a second run of the survey in the early Spring. That all as a disclaimer, here is some of the notable data;

- Around 70-75% of students surveyed have a solid baseline of knowledge of sustainability topics.

- Generally, the students see sustainability as an operational department focused on energy and water.

- Student sustainable behavior mainly manifests in the form of things that are monetarily advantageous (not using a ton of A/C, turning off lights when leaving a room, etc.).

- Around 32.5% of students drive alone most days, with 43.7% of them arriving to campus via sustainable transportation (compared to 28.2% of employees as sampled in the SCAQMD survey).

# Part 2: Additional Resource Request Reasoning and Support

[ ] **We have reviewed our most recent self-study and have not identified any significant changes that necessitate resource requests for the upcoming academic year.**

[x] **We have reviewed our most recent self-study and have identified significant changes that necessitate additional resource requests.**

**For programs that have identified significant changes that necessitate additional resource requests, answer the following questions for each separate resource request:**

1. **Briefly describe your resource request.**

The campus should hire a full-time Sustainability Director to start in the summer of 2025.

1. **Is this request related to an essential safety need?**

No

**Why must this resource request be processed now rather than during the Fall 2026 comprehensive self-study?**

The existing campus resources for our Special Projects manager role will expire in June, at which point there will be no campus-level representation for sustainability issues here. This position exists because the Sustainability Committee does not have the time in their collective weeks to manage all the work that goes into a campus sustainability program otherwise, and needs a dedicated staff member to perform these duties.

The district's timeline for funding a campus-level staff is unclear. Their mindset seems to be that we've had a good head start, and that a district-wide director should be focusing on Cypress and NOCE to align sustainability across the district. The other campuses do need the support, but it should not come at the cost of putting FC's sustainability on the backburner for a few years to do so.

**How will this additional resource allocation specifically enhance your program’s services, activities, processes, etc. to continue or improve student learning and achievement?**

This program will cease to exist.

**Is the resource request personnel-related? If so, please provide evidence to justify the requested positions such as retirements, program growth or curricular demands, full-time/adjunct ratios, etc.**

Yes. See explanation above about the Special Projects position ending.

**How will this additional resource allocation help you serve the college mission or strategic initiatives, and your program’s goals for improvement, as stated in your last self-study?**

It's important FC remains on track to the 2030 GHG reduction goals from the state. Strategic goal 3 and 4 both touch on our college's commitment to this work and its impact on underrepresented communities which we serve.

**For each separate resource request, complete this chart with the itemized requested dollar amount:**

|  |  |
| --- | --- |
| **Type of Resource** |  |
| Personnel | Manager |
| Facilities |  |
| Supplies |  |
| Computer Hardware |  |
| Computer Software |  |
| Training |  |
| Other |  |
| **Total Requested Amount:** |  |

|  |
| --- |
| **Is the funding requested ongoing or one-time funding?**Ongoing |
| **Is the funding requested for**[**enrollment and reengagement activities?**](https://ie.fullcoll.edu/wp-content/uploads/sites/27/2024/05/ER-2.0-Program-Review-Guide.pdf)No |