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| **Berkeley City College’s mission is to provide our diverse community with****educational opportunities, promote student success, and to transform lives.** |

Introduction and Directions

Review your responses from the prior year’s APU and provide updates to the progress made in your department/program. After you have completed the APU, send a copy to your dean/supervisor.

The Peralta Community College District has an institutional effectiveness process which consists of the following components: a District-wide Strategic Plan which is updated every six years; Comprehensive Program Reviews which are completed every three years; and Annual Program Updates (APUs) which are completed in non-program review years.

[APU 2020-2021 timeline](https://drive.google.com/file/d/1zaaWWpL4v7vM0wfS3gQJ35ojpgjiweGK/view?usp=sharing) has been developed for each program and services to guide. Please review and work with your Deans, Managers, Department Chairs and/or Supervisors to complete this APU.

The APU is intended to primarily focus upon planning for the subsequent year and institutional effectiveness. The APU process directly leads to the institutional resource allocation process and budget planning for the following academic year ([2020-21 PR/APU & Resource Allocation Cycle).](https://drive.google.com/file/d/1rk1xLecdpcsyL5zjwRbx-KHVFOJ2Afe7/view?usp=sharing)  This is an opportunity for each program, student services, and department to reflect on progress made since last year based on the goals (outcomes) set, identify areas of program improvements to achieve student success and elimination of achievement gap that are identified in the [Berkeley City College Strategic Plan 2018-2020](https://drive.google.com/file/d/1BVSnFJNGByVXzFLsLzDqkO-48MkRlgn7/view?usp=sharing). In this process of making continuous quality improvement, there is an opportunity for each program, student services, and department to request additional resources that support achieving the stated goals.

**Please email the completed APU to your Deans or Managers by November 6, 2020.**

If you have questions regarding data, please contact Phoumy Sayavong, Senior Researcher and Planning Analyst (psayavong@peralta.edu). If you have questions regarding other material in the APU, please contact your Dean or Manager.

**COLLEGE PROFILE**

|  |  |  |  |  |
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| **Student Demographics** | **2016-2017** | **2017-2018** | **2018-2019** | **2019-2020** |
| Annual Headcount |  11,195  |  11,041  |  10,903  |  10,759  |
| Total Enrollment (census) | 34,402 |  32,850  |  30,298  |  31,007  |
| **Ethnicity** |  |  |  |  |
| African-American | 18% | 15% | 16% | 15.2% |
| American Indian/Alaskan Native | 0.2% | 0.2% | 0.2% | 0.3% |
| Asian | 24% | 22% | 22% | 21.5% |
| Filipino | 3% | 2% | 2% | 2.4% |
| Hispanic | 22% | 24% | 25% | 25.9% |
| Multi-Ethnicity | 3% | 7% | 7% | 6.9% |
| Pacific Islander | 0.4% | 0.3% | 0.3% | 0.3% |
| Unknown | 5% | 4% | 3% | 5.1% |
| White Non-Hispanic | 25% | 24% | 24% | 22.5% |
| **Gender** |  |  |  |  |
| Female | 55% | 55% | 55% | 56% |
| Male | 43% | 43% | 42% | 41% |
| Unknown | 2% | 3% | 3% | 3% |
| **Age Group** |  |  |  |  |
| 19 or Less | 28% | 27% | 29% | 30% |
| 20 to 24 | 35% | 35% | 33% | 32% |
| 25 to 29 | 16% | 16% | 16% | 15% |
| 30 to 34 | 7% | 8% | 8% | 8% |
| 35 to 39 | 4% | 4% | 4% | 4% |
| 40 to 49 | 5% | 5% | 5% | 5% |
| 50 + | 5% | 5% | 5% | 6% |
| **Full-Time/Part-Time Status** | **Fall 2017** | **Fall 2018** | **Fall 2019** | **Fall 2020** |
| Full Time | 21% | 18% | 18% | 15% |
| Part Time | 79% | 82% | 82% | 86% |

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| **College Outcomes** | **2017-2018** | **2018-2019** | **2019-2020** |
| Full Time Equivalent Students (FTES) | 4140 | 3864 | 3696 |
| Productivity (avg faculty-student ratio) | 13.4 | 13 | 13.2 |
| Success Rate (%) | 67% | 69% | 67%\* |
| Degrees + Certificates Awarded (#) | 1,021 | 948 | 1,106 |

*\*Excludes “EW” grades*

|  |  |  |
| --- | --- | --- |
| Name(s) of members completing this update | Department/Program  | Completion Date |
| Sam Gillette | Physics and Astronomy | 11/9/20 |

[**Click here to access your program’s APU report from 2019-20.**](https://drive.google.com/drive/folders/1xEDJm-YOy2lcP1cdnXnzg1M9AaWaV47B?usp=sharing)

You can copy, paste, and edit your responses.

1. Please verify the mission statement for your program. If your program has not created a mission statement, provide details on how your program supports and contributes to the College’s mission.

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|  The most important goal of the science department, in which Astronomy, Biotechnology, Biology, Chemistry, Geology, Geography, Physics, and Physical Sciences are the disciplines, is to provide students with the knowledge and skills they will need in order to perform successfully in the next stage of their careers, whether that stage involves transfer to a 4-year institution, entering a professional program of study such as nursing, or entering the workplace in a specialized field such as biotechnology. Another important goal is to build stepping stones to science in order to make careers in science accessible to students who have little or no background in science and math but who have been excited by the news and the potential of interesting jobs in biotechnology and other science related fields. |

1. **List your faculty and/or staff with assignments in fall 2020.**

|  |  |
| --- | --- |
| Full Time | Part Time |
| Francisco Monsalve Santa Ph.D. (Phys) | Matthew Fillingim Ph.D. (Astr + Phys)Rosa Alvis Ph.D. (Phys) |

1. **The Program Goals below are from your most recent Program Review or APU. If none are listed, please add your most recent program goals.**

none listed

**What is the status of the goals, and which College and District goals your program goals align to? How did you measure the achievement of these goals?**

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| None listed |

1. Describe your current utilization of facilities, including labs and other space.

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| We are using all Lab spaces in our building. Lectures are held in different lecture rooms. The tiered classroom 431 is always used for double sections. We need more of these tiered classrooms! Lunch seminars are also held at the tiered classroom. Evening seminars utilize the auditorium. |

1. Using the data dashboards, review and reflect upon the outcome trends for your department/program. Describe any significant changes (successes and/or challenges) and discuss what the changes mean to your program and what can be done to address them. Consider whether performance gaps exist for disproportional impacted students (see [BCC’s Student Equity Plan](https://www.berkeleycitycollege.edu/wp/prm/files/2020/09/Student-Equity-Plan-2019-2020.pdf)). [Click here for additional guidance for how to view and use equity data](https://drive.google.com/file/d/14C9cxxXt_YAzK_LJEVPSD_fJwwcWUVps/view?usp=sharing).

Review [BCC’s Student Equity Plan](https://www.berkeleycitycollege.edu/wp/prm/files/2020/09/Student-Equity-Plan-2019-2020.pdf) and focus upon the most recent year and/or the years since your last comprehensive program review. Cite data points from the dashboard and other related Plans and goals to support your answer.

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| **Data Dashboards and Planning Documents** |
| 2020-21 Dashboards for APUs1. [Course Completion and Retention Rates Dashboard – Instruction](https://app.powerbi.com/view?r=eyJrIjoiNjc2MDhiNTEtNTJhZi00MDM0LTk5NDItNTRiY2EzMGI1NTZiIiwidCI6ImVlYTE2YTE2LTQ4YWYtNDc3Yi05MTEzLTA1YjFjMDExMjNmZiIsImMiOjZ9&pageName=ReportSection86d6f65e2fb41a73da4d)2. [Course Completion and Retention Rates Dashboard – Student Services](https://app.powerbi.com/view?r=eyJrIjoiNjk3NDJjOTItNzI5MS00MDhjLWJhN2EtZjcxNzU4OTBiZDBjIiwidCI6ImVlYTE2YTE2LTQ4YWYtNDc3Yi05MTEzLTA1YjFjMDExMjNmZiIsImMiOjZ9&pageName=ReportSection86d6f65e2fb41a73da4d)3. [Enrollment Trend and Productivity Dashboard](https://app.powerbi.com/view?r=eyJrIjoiNWJlOWZmYTEtNTY0MC00MDhkLWE5OTAtYmJjZjIxNzJiNWViIiwidCI6ImVlYTE2YTE2LTQ4YWYtNDc3Yi05MTEzLTA1YjFjMDExMjNmZiIsImMiOjZ9&pageName=ReportSection86d6f65e2fb41a73da4d)4. [Degrees and Certificates Dashboard](https://app.powerbi.com/view?r=eyJrIjoiZjU2M2M5MzItOTcwZi00Y2U1LWJmODUtYTc0YjlhZGI2ZDhjIiwidCI6ImVlYTE2YTE2LTQ4YWYtNDc3Yi05MTEzLTA1YjFjMDExMjNmZiIsImMiOjZ9&pageName=ReportSectionde32556e136b0a8caccd)[**Planning Documents**](https://www.berkeleycitycollege.edu/wp/prm/bcc-plans/)(Education Master Plan,College Strategic Goals, Student Equity Plan, District Strategic Goals, Vision for Success, Guided Pathways, Technology Plan, Facilities Plan)*\*For assistance with data dashboards, contact Phoumy Sayavong at psayavong@peralta.edu* |
| Astronomy: Overall completion rate of 91.3% and retention rate of 95.9% are good. The completion rate for women, while still good, is markedly lower at 87.5%. Retention rates for women are slightly lower than for men (95.5% vs 96.7%). The majority of astronomy students fall in the 19-24 age group. Black students have the lowest completion rate of the groups represented in the data (75%), Hispanics are next at 95.7%, and White students have a succes rate of 96.2%. Retnetion rates are as follows: Black (83.3%), Hispanic (100%), and White (96.2%). Enrollment in ASTR courses has been steadily falling '16-'17 (62), '17-'18 (49), '18-'19 (47), and '19-'20 (49). Likewise the productivity numbers have fallen, but still remain in the target range. For the same four years listed above the productivity numbers are (31, 24.4, 23.5, 19.5).Physics: Overall completion rate of 94.3% and retention rate of 95.3% are good. The completion rate for women and men are comperable (94.9 - women, 94.1 - men). Retention rates for women are slightly lower than for men (94.9% vs 96.1%). The majority of physics students fall in the 19-24 age group. Black students have the lowest completion rate of the groups represented in the data (89.3%), Whites are next at 92.1%, Hispanic students have a succes rate of 92.7%, and asian student success rate is at 97.9%. Retnetion rates are as follows: Black (89.3%), Hispanic (94.5%), and White (92.1%). Enrollment in PHYS courses has been steadily INCREASING '16-'17 (97), '17-'18 (117), '18-'19 (141), and '19-'20 (145). The productivity numbers have fluctuated. For the same four years listed above the productivity numbers are (22.3, 26.9, 17.6, 18.1) |

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| **ASSESSMENT** |
| Berkeley City College is committed to a culture of assessment to improve instruction, services, and institutional planning.  Findings from SLO and PLO assessments, and program review data are used to direct resources for areas that are institutional priorities that are articulated in the Educational Master Plan and BCC Strategic Plan 2018-2020.  *Due to the critical role that course and program assessments play in our institutional planning and to be in compliance with the Accreditation requirements, the APU resource allocation requests require the completion of assessment in order to qualify.* |

1. Describe the department/program’s progress on Student Learning Outcomes (SLOs), Program Learning Outcomes (PLOs), and/or Service Area Outcomes (SAOs) since the last Program Review/APU. If your department/program offers a degree or certificate, please describe the department’s progress on Program Learning Outcomes (PLOs).

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| Astronomy 10 will be assesed this semester. The physics 3 and 4 series have been assessed. Physics 10 will be assessed this semester. |

Have your assessment results been recorded in CurricuNet Meta? [x]  Yes [ ]  No

If no, what was the reasons for not having been able to assess?

[ ]  Courses were planned to be offered but cancelled

[ ]  COVID–19 disruption (in person to OL conversion)

[ ]  Other:

When do you plan to assess these courses that you did not complete this semester? Indicate the plan in the department assessment calendar. Work with your assessment liaison, if you need assistance**.** [Click here to view your Assessment Calendar](https://peralta4-my.sharepoint.com/personal/ncayton_peralta_edu/_layouts/15/onedrive.aspx?id=%2Fpersonal%2Fncayton%5Fperalta%5Fedu%2FDocuments%2FAssessment%20Info%20for%20APU&originalPath=aHR0cHM6Ly9wZXJhbHRhNC1teS5zaGFyZXBvaW50LmNvbS86ZjovZy9wZXJzb25hbC9uY2F5dG9uX3BlcmFsdGFfZWR1L0VrUF9iTld5cFJCSnYwNzhMM1pjcFk0Qk52MzBzZXRjQ2RpZFFwR3FWMUNCV2c_cnRpbWU9RGktQjZ4cGYyRWc)

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| N/A |

1. Describe the impact and accomplishments from previous year’s funded resource allocation request. If not funded, leave blank.

|  |  |  |  |
| --- | --- | --- | --- |
| Brief description of funded request | Funding Source (any additional award outside your base allocation) | Total Award Amount | Outcome/Accomplishment |
|       |       |       |       |
|       |       |       |       |
|       |       |       |       |

1. In the boxes below, add improvement actions and resource requests that are directly related to questions 1 thru 7. If there are no improvement actions or resource requested in this area, leave blank. *If you have more than one Improvement Plan, add more by copying and pasting the table below.*

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| **IMPROVEMENT ACTIONS** |
| Action Name: | Online Astronomy Course |
| Description: | Astronomy 10 has been in selected as a course that could easily move to online format. COVID has accelerated the timeline and the course should be ready to launch as online once we return to non-emergency conditions |
| To be completed by [Date]:  | May 2021 |
| Responsible person: |       |

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| **IMPROVEMENT ACTIONS** |
| Action Name: |       |
| Description: |       |
| To be completed by [Date]:  |       |
| Responsible person: |       |

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| **Prioritized Resource Requests** |
| In the boxes below, add resource requests for your department/program that *have not been funded by existing sources*. Provide justifications from your request based on evidence from your responses in questions 1 through 8 above. If there are no resource requested, leave the boxes blank. You will be required to present your request(s) to the Resource Allocation Committee in order to qualify for funding. Work with your administrator/supervisor to estimate costs. |

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| --- | --- | --- | --- | --- | --- |
| Resource Category | Description/Justification | Estimated Annual Salary Costs | Estimated Annual Benefits Costs | TotalEstimatedCost | OverallPriority Ranking (1=Most important) |
| **Personnel** |  |  |  |  |  |
| Classified Staff |       |       |       |       |       |
| Student Worker |       |       |       |       |       |
| Part Time Faculty |       |       |       |       |       |
| Full Time Faculty  |       |       |       |       |       |
| Professional Development | Description/Justification |  |  | Estimated Cost |  |
| Department wide PD needed |       |       |       |
| Personal/Individual PD needed |       |       |       |
| **Supplies** | Description/Justification | Estimated Cost |  |
| Software |       |       |       |
| Books, Magazines, and/or Periodicals |       |       |       |
| Instructional Supplies |       |       |       |
| Non-Instructional Supplies |       |       |       |
| **Technology & Equipment** | Description/Justification | Estimated Cost |  |
| New |       |       |       |
| Replacement |       |       |       |
| **Facilities** | Description/Justification | Estimated Cost |  |
| Classrooms |       |       |       |
| Offices |       |       |       |
| Labs |       |       |       |
| Other |       |       |       |
| **Library** | Description/Justification | Estimated Cost |  |
| Library materials |       |       |       |
| Library collections |       |       |       |
| **Other** | Description/Justification | Estimated Cost |  |
| OTHER Description |       |       |       |

Thank you for your time and effort in completing the Annual Program Update!