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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*

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| Name(s) of members completing this update | Department/Program | Completion Date |
| Pieter de Haan | Physical Sciences | 11/7/2020 |

[**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 Physical Sciences, 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 teaching, or entering the workplace in a specialized field such as Physical Sciences. 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 education and other science related fields. |

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

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| --- | --- |
| Full Time | Part Time |
|  | Sheldon Nelson MS |

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.**

**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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| GOAL II. Raise College Competence: Raise student skills and competencies, and expand their learning experiences, so that they can successfully complete their college program.  There is only one course available in Physical Sciences. It can be used as a sciece requirement.  GOAL III. Enhance Career-Technical Education Certificates and Degrees: Enhance BCC’s 1- and 2-year career and technical education programs so that they provide current and transferable skills and competencies to earn a living wage in our area, and to maintain competency for advancement in one’s career.  The goal of the Physical Sciences at Berkeley City College is to provide students with a Lab. Than the course can be used as a science with lab requirement  Goal IV: Increase Transfer and Transfer Degrees: Ensure that all of BCC’s programs of study and transfer pathways for degrees prepare students, in a timely manner, for multiple transfer options.    Right now Physical Sciences can be used as a science requirement. |

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 APUs  1. [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* |
| In Physical Sciences we see an idecrease in Course Completion by 12.7% and Retention by 0.9% from 2018-2019 to 2019-2020 (Including MW and EW grades). Compared with the overall scores for the college, Physical Sciences scored 9.5% higher in course completion (78.7%) and 8.9% higher in retention rate (96.1%) if we compare last academic year (2019-2020).    Gender distribution in Physical Sciences is as follows: there were 97 Females, and 58 Males during the Census enrollment. 81.4% was the course completion rate of females and 95.9% was the retention rate. 74.1% was the course completion rate of males and 96.6% was the retention rate.  Compared with Berkeley City College gender rates with Physical Sciences, the Physical Sciences discipline females scored 4.8% higher in Course Completion Rate and 7.2% higher in the Course Retention Rate. Males scored 6.6% higher in Course Completion Rate and 8.1% higher in the Course Retention Rate.  Most student between 19-24 are enrolled in Physical Sciences classes.  Looking at ethnicity in the Physical Sciences discipline we see 20.9% Asians, 38.6% Hispanic/Latino, 17.7% White/Caucasian, 15.0% Black/African American, 8.5% Two or More, 0% Pacific Islander, and 0% American Indian.  This year the course completion rate for Asians decreased from 89.5% to 87.5%, for Hispanic/Latino group it decreased from 86.8% to 74.1%, for the White/Caucasian group it decreased from 100.0% to 85.2%, for the Black/African American group it increased from 66.7% to 68.2%, the Two or More group decreased from 100% to 84.6%.  It is clear from the data, that there is an equity gap between the Course Retention and Course completion of the Black / African American, Hispanic / Latino populations and the Asian and White populations in this discipline. |

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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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| THe Physical Science course is assessed in this last round. We will be working on a Lab for the Physical Science course. |

Have your assessment results been recorded in CurricuNet Meta?  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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1. Describe the impact and accomplishments from previous year’s funded resource allocation request. If not funded, leave blank.

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

|  |  |
| --- | --- |
| **IMPROVEMENT ACTIONS** | |
| Action Name: |  |
| Description: |  |
| To be completed by [Date]: |  |
| 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 | Total  Estimated  Cost | Overall  Priority 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 | Science is in need of more office space for the adjunct faculty. | | |  | 1 |
| Labs |  | | |  |  |
| Other | Study space is needed for students where they can access scientific publications and where tutor session can be held. We envision a Science Learning Center. | | |  | 2 |
| **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!