CLOSING THE LOOP ~ BAKERSFIELD COLLEGE

Closing the Loop Document started in the spring of 2013 and was presented to College Council. The idea behind this document is to connect how resource allocation is connected to the strategic goals of the college. Since then, this document serves as a tool to reflect on the progress of the strategic goals and to calibrate the activities of Bakersfield College. This document is the result of the work of several governance and campus-wide committees' efforts along with the responsible lead administrator. It is a compilation of metrics showing results.

Dr. Sonya Christian, President

November 2019

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BUDGET AND FINANCE

Fiscal Period	2015-16	2016-17	2017-18	2018-19	2019-20
Total GU Budget (Published Adopted)	83,600,477	92,452,895	102,220,602	120,486,762	127,340,022
Total GU Budget (Banner Adjusted)	84,202,133	91,175,688	105,793,490	121,386,681	128,638,041
TOTAL BUDGET (Published Adopted)	96,537,761	109,855,259	127,984,822	152,361,535	163,554,663
TOTAL YTD ACTIVITY (Banner)	91,446,721	99,493,632	118,986,605	159,861,883	
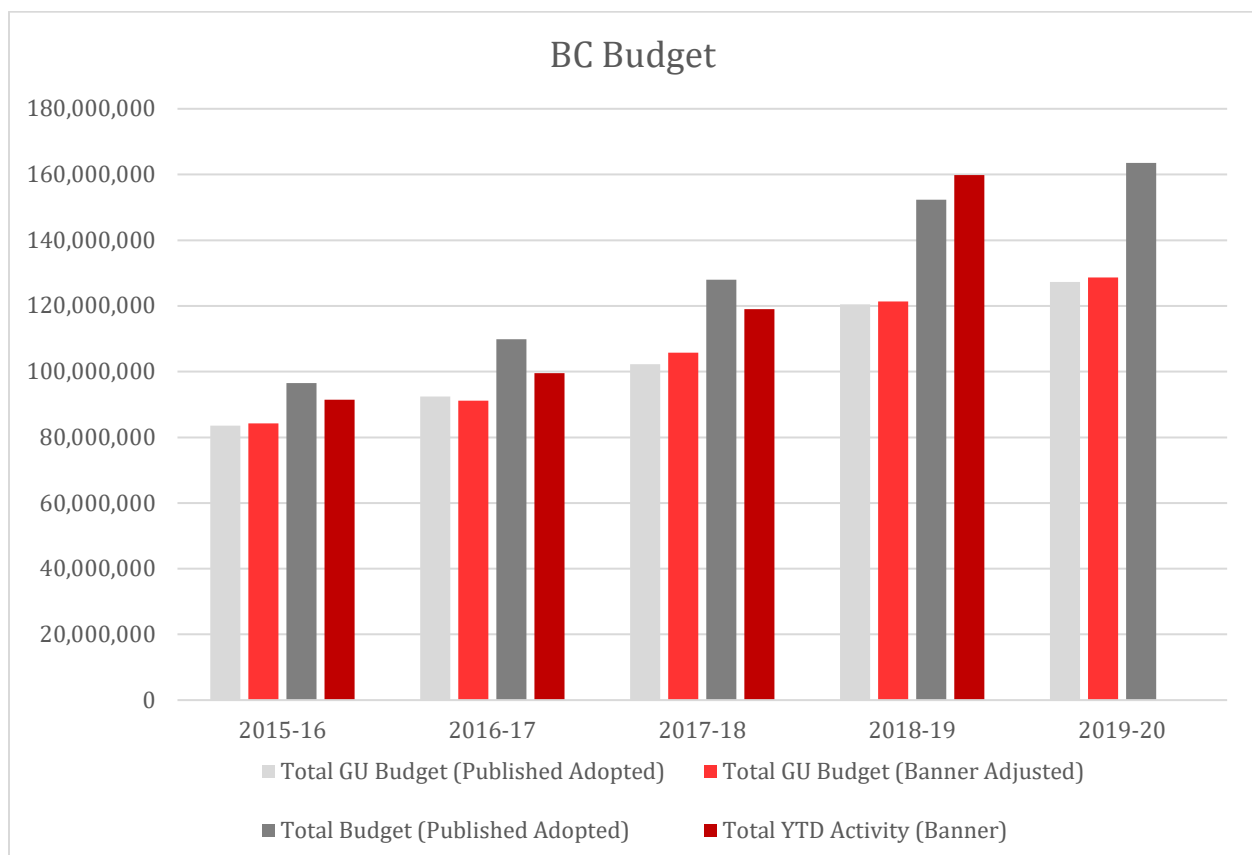
The budget table shows a growth trend over the past five years. There is an increase in general fund (GU) and a significant increase in restricted funds (RP). Given the unknown uncertainty of the new state budget allocation model, KCCD used the FY2019-20 Advance Apportionment from the California Community College's Chancellor's Office plus a COLA of 3.26%.

The variation in the Total GU Budget (Published Adopted) and Total GU budget (Banner Adjusted) for 2016-17 is due to a carryover error that was corrected after the adopted budget was published and is reflected in the Banner Adjusted total. The Total YTD (Year-to-Date)

Activity in FY2018-19 indicates the significant increases in new/increased allocations for restricted funding that was awarded and adjusted in Banner throughout the fiscal year.

Reserve Account GU 7910
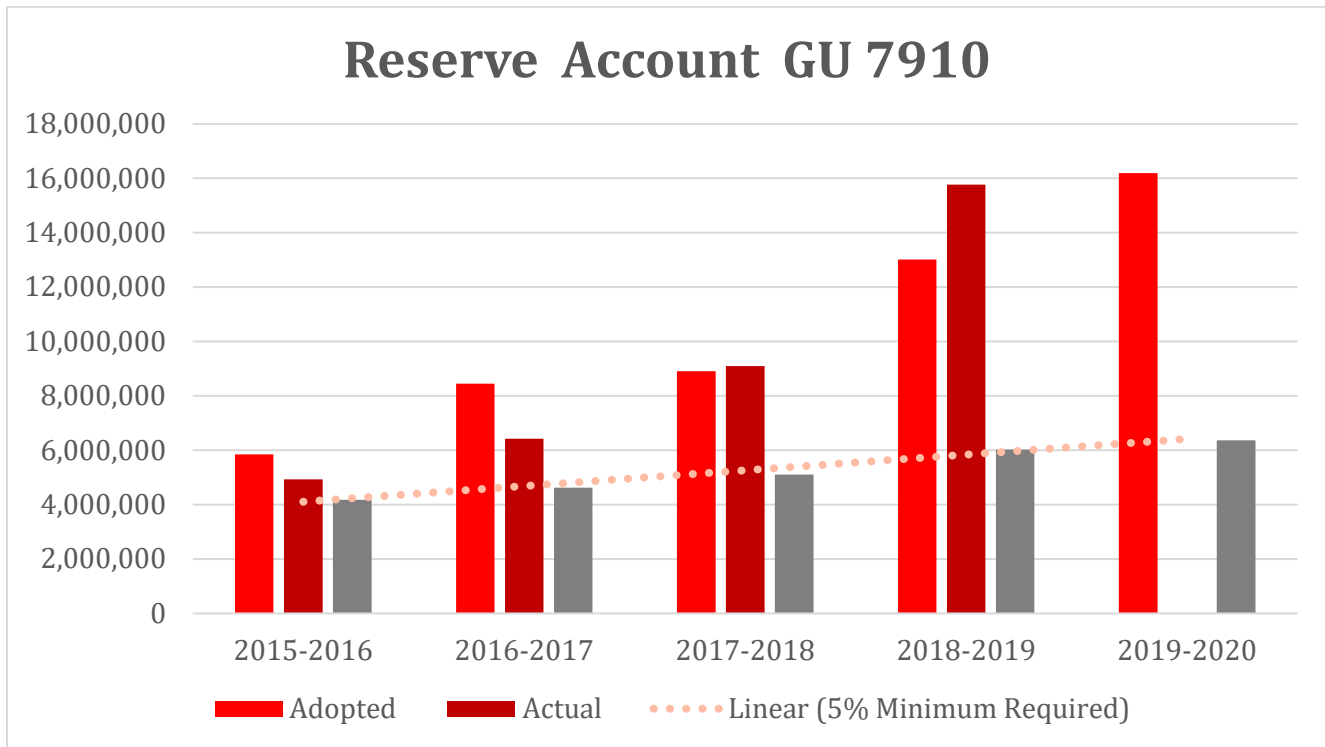
The chart above shows the longitudinal trend of the adopted vs. actual reserves with 2019-20 adopted budget reserves. The reserves indicate a continual compliance to board policy. These reserves are well within the prescribed KCCD Board of Trustees minimum of 5% (line on graph) based upon the projected unrestricted expenditures (KCCD Business Services 3A1A6).

Fiscal Period	2015-16 Actuals	2016-17 Actuals	2017-18 Actuals	2018-19 Actuals	2019-20 Budget
President	8,917,351	6,528,159	5,145,907	7,739,129	5,380,138
VP Instruction	46,327,712	57,121,679	65,599,090	69,343,134	78,605,083
VP Student Affairs	16,059,889	14,394,692	17,201,124	25,455,910	27,775,425
VP Finance and Admin Services	8,847,118	9,139,280	9,966,603	11,159,952	13,879,487

BC YTD BREAKDOWN

Legend: ■ President ■ VP Instruction ■ VP Student Affairs ■ VP Finance and Admin Services
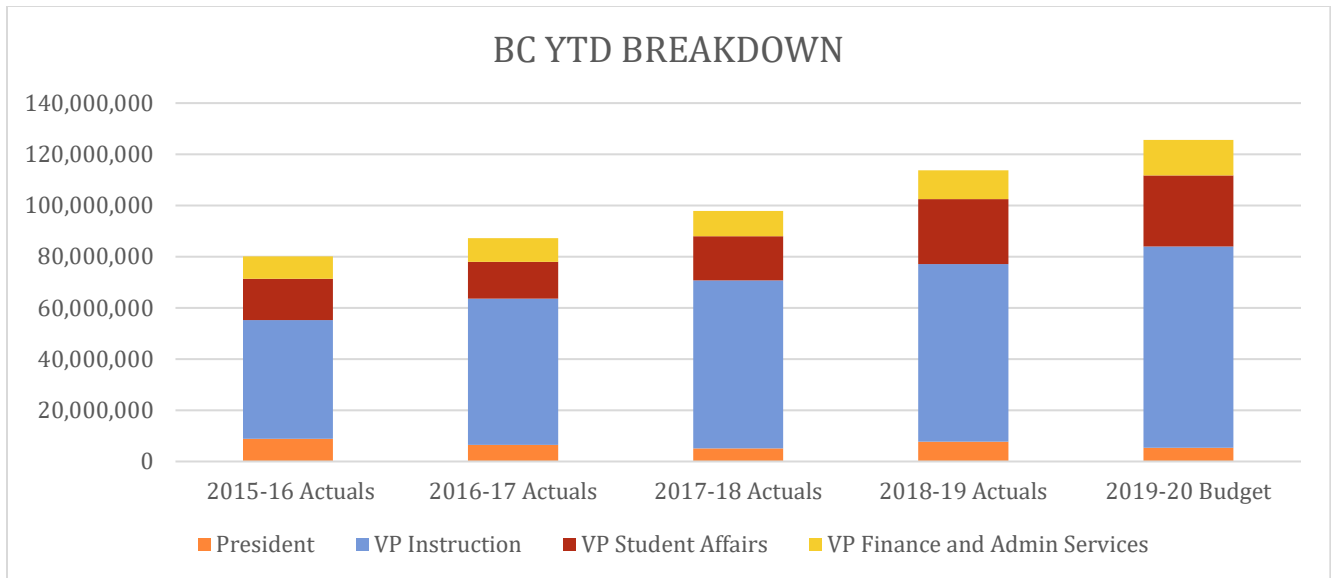
Bakersfield College continues to focus on college priorities by strategically utilizing existing resources and grant dollars. In addition, the college discussions continue to evaluate strategies for long-term fiscal sustainability by augmenting its revenue streams through its auxiliary enterprises.

In the table above, the YTD expenditures for 2017-18 fiscal year RP has been updated with actuals. The annual report included the budgeted numbers for the RP column. The 2018-19 fiscal year ended on June 30, 2019. The data reflects YTD expenditures as of October 30, 2019 for 2018-19 fiscal year. The VP FAS' totals does not include the chargebacks or reserves.

The full time equivalent student (FTES) graph shows that the College has been in steady growth over the past five years. There are expectations that the growth will slow down, but continue to be a steady increase.

BC FTES
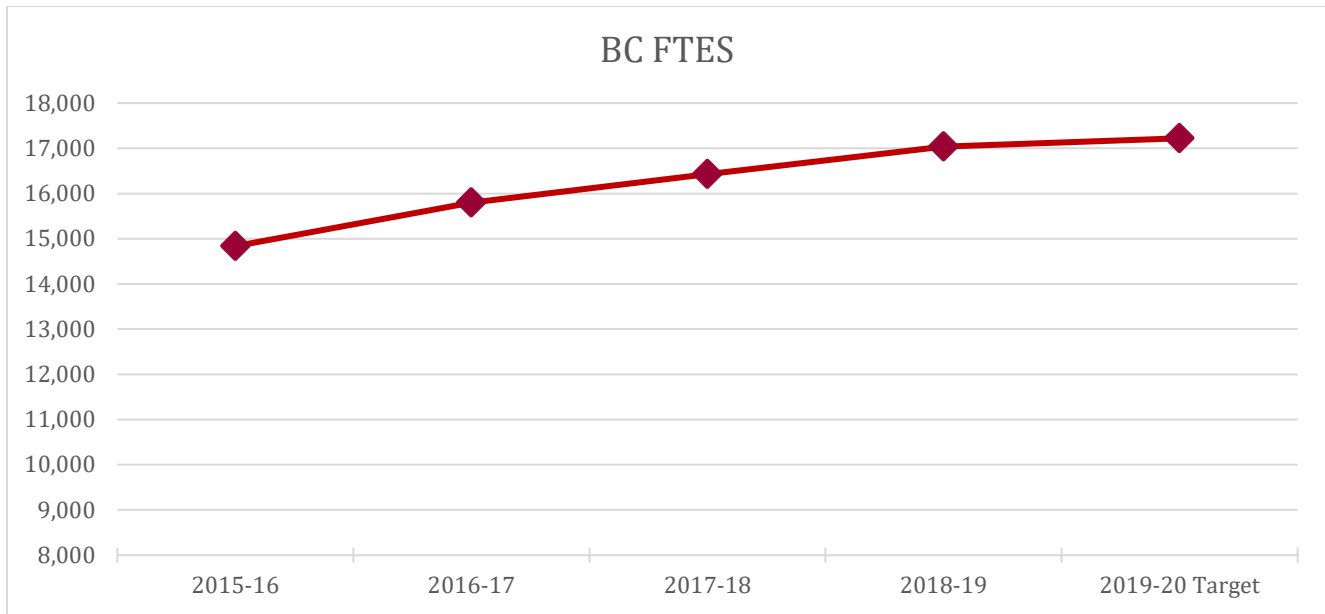
	2015-16	2016-17	2017-18	2018-19	2019-20 Target
FTES	14,837	15,800	16,428	17,039	17,221
GU Adopted Budget/FTES	$5,635	$5,851	$6,222	$7,071	$7,394

As a part of its strategic plan, Bakersfield College anticipates the new programs like the Baccalaureate program to continue to have a positive influence on the FTES for future growth. A reflection of stewardship is how the College expends and allocates funds to perform services. One such indicator is the assignment of funds per student. As provided in the chart above, the GU budget per full-time equivalent student shows the trend from 2015-16 to 2019-20 Target.

The Finance and Administrative Services (FAS) Division continues to focus on increasing the budget literacy on Bakersfield College's campus. The Budget Office continues to meet with individual departments for budget trainings and leads workshops through the College's professional development training sessions during Flex Week and throughout the year. The participants in the budget trainings have consisted of budget managers such as deans, directors, program managers, department chairs, and support staff. The Budget Office has identified areas to increase efficiencies and have been working towards improving reporting tools to provide accurate and up-to-date data.

Significant planning and pre-construction efforts will commence to explore how Bakersfield College will utilize capital project funding to enhance and revitalize the campuses. The campus infrastructure over the next few decades will undergo some significant changes. If done wisely, the outcome for all at Bakersfield College will be an appropriate use of funds to establish a state-of-the-art campus environment.

This memo is organized in these sections: Section A (Personnel), Section B (Technology), Section C (Facilities), Section D (Professional Development), Section E (Categoricals and Grants), Section F (Distance Learning), with correlating appendices.

Section A: Personnel

The Bakersfield College leadership profile is provided via the organizational chart in Appendix A1.

A1: Faculty Positions

The California Code of Regulations (CCR), Title 5 section 51025 requires community colleges districts to increase their base number of full-time faculty over the prior year in proportion to the amount of growth in funded credit FTES. This is known as the "Full-time Faculty Obligation" or FON.

The FON calculation for Fall 2019 is presented below along with a longitudinal presentation (see Table 1) of BC's history regarding to meet the FON.

Table 1 Faculty Obligation Number (FON)

	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
FON KCCD District	353.8	370.8	393.1	433.8	436	439.8	471
Bakersfield College	247	261	278	313.8	312	317	342
Percentage of FON	69.81%	70.39%	70.72%	72.34%	71.56%	71.50%	72.61%

	A	B	C	D	E
1	**Kern Community College District**				
2	**Faculty Obligation Number**				
3	**FON Requirement**				
4	**2018 FON**	442.000			
5	Base Adjustment	3.800			
6	Change Due to FTES Growth	14.000			
7	Change Due to Funding Augmentation	12.000			
8	Rounding Adjustment	-0.800			
9	**2019 FON Requirement**	**471.000**			
10	**2019 FON Plus 2**	**473.000**			
11					
12	**Incremental FON Change 31.000**				

			BC	CCCC	PC	Total
1 3						
1 4						
1 5	**FTES Growth**		**BC**	**CCCC**	**PC**	**Total**
3 4						
3 5	**Final FON Allocation**		**25.00**	**4.00**	**2.00**	**31.00**
3 6	**Agreed to at Chancellors Cabinet 11-13-18**					

As it turns out, there was an updated FON calculation incorporating a "deficit factor" that is based on the unfunded SCFF revenues. This has the effect of wiping away our FON increase for 2019. Our compliance FON now is 439.8 for the district. This is frustrating because this had not been in any FON update discussion including at the Chancellor's budget workshop held in July, where the District's projected FON was still reflected as 471.

Provided below (Table 2) is the Bakersfield College staffing profile over the past 5 years broken out by faculty/staff categories.

Table 2 Full-Time Equivalent (FTE) BC Profile

	2015/16	2016/17	2017/18	2018/19	2019/20
Regular Teaching (11) GU	224.39	239.24	264.6	266.75	295.74
Regular Teaching (11) RP	0	1	1	1	1
Regular Non-Teaching (12) GU	42	44.7	47.77	50.62	55.33
Regular Non-Teaching (12) RP	15.11	16.45	16.63	17.63	23.03
Non-Reg. Instr. (13) GU	0	0	0	235.92	187.68
Non-Reg. Instr. (13) RP	0	0	0	3.46	0
Classified Non-Instr. (21) GU	144.87	151.97	163.69	169.71	176.41
Classified Non-Instr. (21) RP	53.23	78.52	90.19	93.92	102.34
Classified Instructional (22) GU	8.43	0	7.24	8.24	11.53
Classified Instructional (22) RP	1.92	2.86	2.81	2.49	2.5
TOTAL	489.95	534.74	593.93	849.74	855.56

The staffing categories for the chart above are as follows:

Regular Teaching (11) includes all regular full-time faculty; Regular Non-Teaching (12) includes all educational administrators, counselors, librarians, non-instructional, and department chairs; Non-Regular Instr. (13) Includes adjuncts, intercession, etc. (previous years' did not include FTE amounts); Classified (21) includes classified management, confidential, and employees regular salary; Classified Instr. (22) Includes instructional aides; Non-Instructional (23) includes all non-management temps, and non-instructional professionals exempt; Instructional Aides (24).

For specific details regarding positions hired and/or recruited, please refer to Appendices A2 through A4.

There appears to be growth in all faculty/staff categories with a recognizable increase in the restricted program (RP) funding.

2019-20 Faculty Hiring Process

The total number of faculty positions for 2019-2020 is 31. This includes replacement positions plus the additional faculty to meet the FON for 2019-2020 with discipline specific decisions being made based on data provided via Program Review and presented by Departmental Chairs in the fall semester at the Faculty Chair and Deans' Council meeting.

Additional faculty positions to meet the FON include positions in the Strong Workforce Grant. Criteria to prioritize all of the faculty needs include:
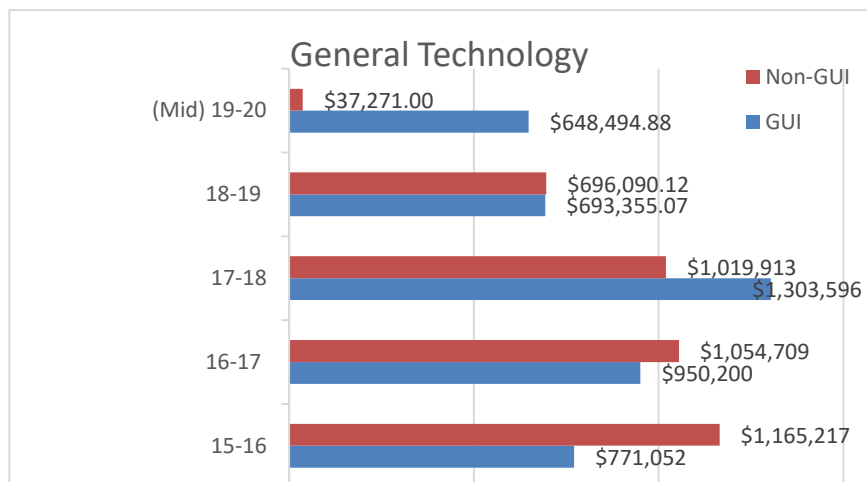1) Workforce needs
2) Accreditation requirements
3) Licensure requirements
4) Safety considerations
5) Emerging statewide priorities

Section B: Technology
$685,766 Midway Fiscal 2019-2020

B1: General Technology

Midway through academic year 2019-20, we have spent about $648,000 for technology out of the general fund. The primary purchases have been for equipment and software to setup the BC Southwest campus, both at the FPU location and ultimately in the portables on the CSUB campus. Costs included setup of a file server, phones for the classroom, computers, monitors, backup power supply

General Technology

Year	Non-GUI	GUI
(Mid) 19-20	$37,271.00	$648,494.88
18-19	$696,090.12	$693,355.07
17-18	$1,019,913	$1,303,596
16-17	$1,054,709	$950,200
15-16	$1,165,217	$771,052

to support the networking equipment, and other related costs associated with setting up a new physical location. The second largest cost is instructional software to support our students. Some example are SPSS (statistics software), Edmentum (math lab), SARS, Maple, Adobe Creative Cloud, DSPS software, Solidworks, MATLAB, TI emulator, Photoshop Elements, and Automotive software. Heavier spending is typically done in the second half of the academic year since most of the big projects are done during the summer when impact on instruction is minimal.

B2: Program Review – Technology

There has not been any money spent on Program Review requests for this academic year. The Program Review technology requests have come in, and the technology committee (ISIT) is still in the process of prioritizing those requests. Typically, these requests don't get any funding until late in the academic year and the projects are completed over the summer break. The chart above shows the funding of Program Review technology

Funded Program Review Requests

	Non-GUI	BC GUI
(Mid) 19-20	0	0
18-19	$80,844	$102,200
17-18	$204,027	$-
16-17	$247,138	$9,000
15-16	$138,000	$84,000

requests for the last 5 years. The bulk of Program Review request funding comes from grants or categorical programs. Last year approximately $183,000 was spent on Program Review requests.
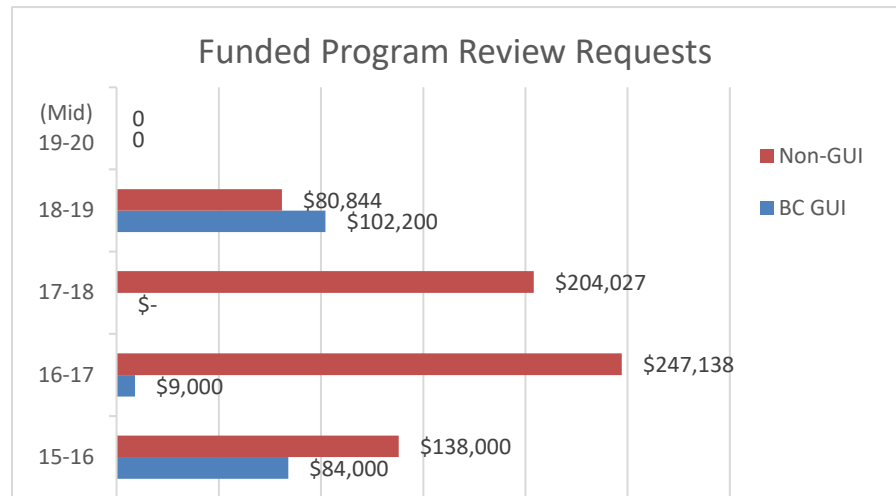
Section C: Facilities
$1,609,777 YTD

C1: General Facilities Update

Bakersfield College has assessed the aging facilities and identified needs of $450 million to modernize the existing facilities built in 1955. The campus has used a combination of General Budget, State Mandated Funds, and Measure J Funds to begin the modernizations. In 2019, two more capital projects funded by Measure J will be completed; The Veterans Resource Center and repairs to the Main Chiller Plant and Energy Management System. The past Bakersfield College Facilities Master Plan identified significant needs of approximately $300 million for additional infrastructure, including 200,000 square foot of useable office/classroom/ conference space, and $80 million for modernizations, expansion, upgrade, replacement of aging infrastructure and continuing energy conservation projects beyond the funding capacity of the 2002 SRID bond program. The new BC's Facilities Master Plan follows the Educational Plan's long-term vision and was approved by the Board in spring of 2018. The Facilities Master Plan provides an important blueprint for how student services can be delivered in the long-term to maximize student success, particularly for first-generation college students.

Total Facilities, Maintenance, and Operations (FMO) costs (excluding utilities) have increased over the past four years. The actual FMO Costs figure indicates that Bakersfield College continual invests in the sustainability of the campus environment and Table 1 below indicates the continual need for more resources and the first five capital projects identified in the master plan.

M&O Total Operations Costs

Bakersfield College usage of utilities is on a steady growth with no new significant facilities or additional space for the past 5 years. Increases for electricity are due to the combination of rate increases, some coding and consumption over the year.

BC Utilities
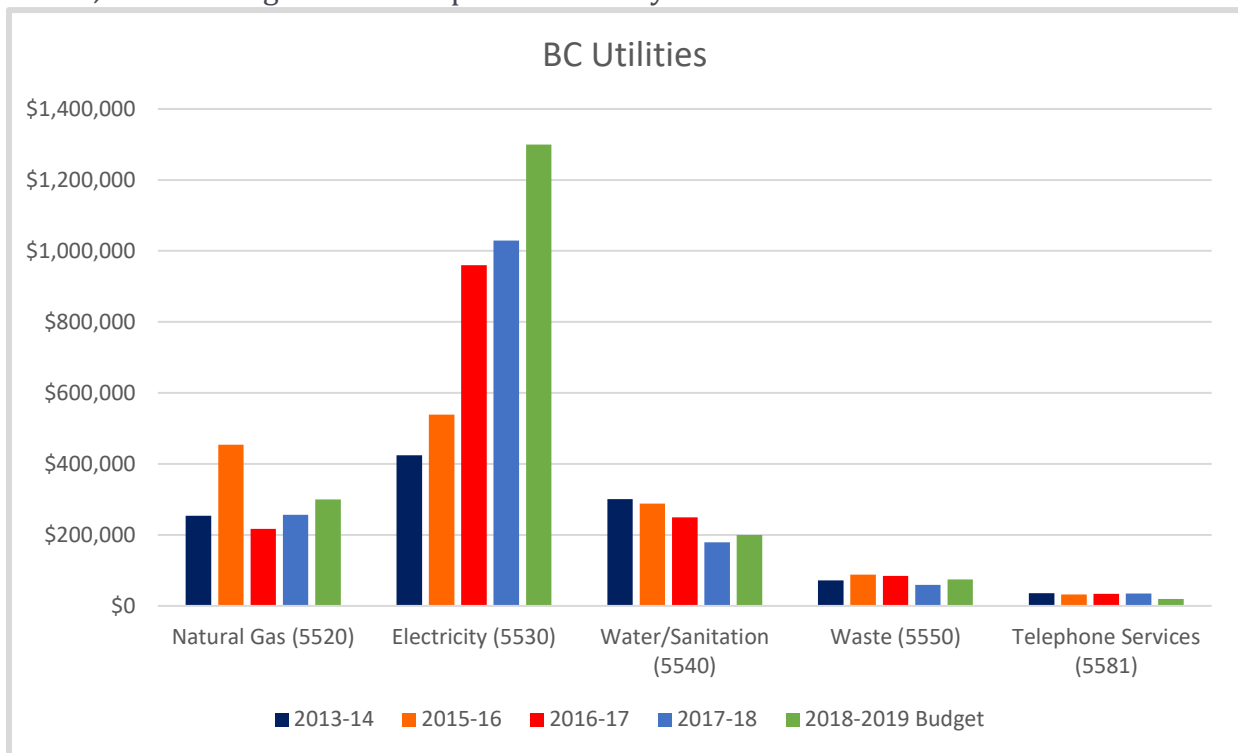
C2: Facilities Needs for 2019

(Extracted from BC Facilities Master Plan)

The passing of Measure J in 2016 provided Bakersfield College access to approximately $415 million in funding for capital projects. Partnering with AECOM/Parsons, Bakersfield College has completed the task of updating the Facilities Master Plan followed with prioritizing capital projects that align with the Educational Master Plan, accelerating the project schedule, and leveraging multiple funding sources.

Table 1 Capital Projects

Facility	Sq.Ft.	Start Date	Move-in Date
Veterans Resource Center (VRC)	4,715	Fall 2018	Fall 2019
Campus Center/ABC Building	67,336	Spring 2018	Fall 2020
Infrastructure		Spring 2018	Spring 2023
Memorial Stadium		Spring 2019	Fall 2020
Science & Engineering Building (S&E)	68,300	Fall 2019	Fall 2021
Gymnasium/Fieldhouse	71,100	Spring 2020	Fall 2022
Construction of Arvin Center	27,100	Spring 2021	Spring 2022
Delano Center LRC	39,900	Fall 2021	Spring 2023
Campus Center Annex	12,500	Spring 2021	Spring 2022
Welcome Center	12,500	Fall 2021	Spring 2022

Bakersfield College's Facilities Master Plan follows the Education Master Plan's long-term vision. The Facilities Master Plan provides an important blueprint for how student services can be delivered in the long-term to maximize student success, particularly for first-generation college students. Under the plan, student support services and basic skills instruction will eventually be consolidated into the same general area of the main Bakersfield Campus. Complementing the capital project funding are scheduled maintenance and instructional equipment, as well as, mandated funds to be used in for facilities. Bakersfield College receives a portion of the allocated funds used to address priority items noted in Appendix C1. In addition, the table displays other projects that are pending to date. In 2019, Bakersfield College received $188,420 from the state in scheduled maintenance funds and no money from Proposition 39 monies (which has expired) to continue to fund campus projects. Bakersfield College will look to utilize grants and other forms of funding to make safety and maintenance improvements to the campus.

Based on input from the campus community, the Facilities & Sustainability Committee continues to focus on two areas. The first is the ongoing general campus clean up and maintenance. BC continues to move forward with recovering from previous budget cuts that left the campus in a state of disrepair. Maintenance and Operations continues doing projects during summer and holiday breaks. This keeps disruption to the campus down to a minimum and allows for continuous cleanup and repair of the campus. The College will continue to consider facilities upgrades as a priority item for funding of projects. The focal point of improvements has been focused on safety projects, and various classroom improvements. The focus moving forward will continue to be safety and preventive maintenance (Appendix C1).

C3: Program Review – Facilities

The Program Review Annual Updates have been complete and the facilities team has reviewed the requests. The requests fall into three key categories. The first category is items that have already been completed. The second category is requests that are in-progress. The third category is requests that still need funding. Within the third category are sub-categories of Renovation, Replacement and Additions.
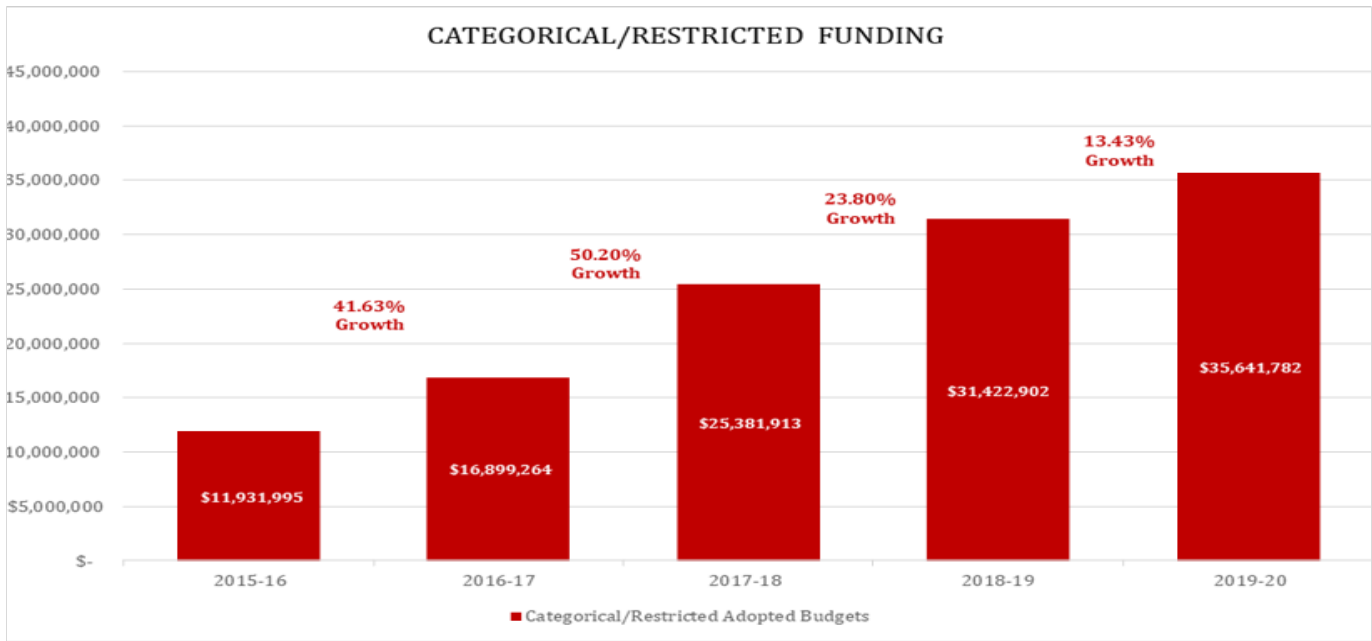
Section D: Professional Development

With the new academic year, Professional Development has a new focus- better onboarding and training of our new employees with programs similar to what we already offer for our new faculty. These programs will help us to develop our employees while welcoming them to the BC family.

The current focus for Professional development is:
- Creating and managing a New Employee Orientation that provides a one day, all-encompassing training for new managers and staff within their first month at Bakersfield College.
- Creating and managing a New Manager Academy to train all new managers within their first year as managers.
- Creating and managing a New Classified Academy to train all new classified employees within their first year at BC.
- Creating specific learning tracks for professional development, which will allow faculty and staff to pursue an interest or need beyond a single workshop or course.
- Developing self-paced training courses which will allow faculty to earn flex credit while getting necessary training, but at times most convenient for them.
- Developing a Canvas portal for adjunct faculty to provide resources and necessary training for all adjunct faculty.
- Adding badging to many of our professional development offerings to allow staff new display their skills and knowledge.

The changes being made to the Professional Development program will strengthen Bakersfield College by more accurately aligning the training being offered with the needs of faculty and staff, which ultimately benefits our students.

Section E: Categoricals and Grants

CATEGORICAL/RESTRICTED FUNDING

Year	Amount	Growth
2015-16	$11,931,995	
2016-17	$16,899,264	41.63% Growth
2017-18	$25,381,913	50.20% Growth
2018-19	$31,422,902	23.80% Growth
2019-20	$35,641,782	13.43% Growth

■ Categorical/Restricted Adopted Budgets

E1: The Board Financial Assistance Program (BFAP)

In recent years, the college has used the Maintenance of Effort allocation and the Board Financial Assistance Program (BFAP) to assist students who are in eligible programs. This assistance comes in two crucial ways: 1) Give essential financial resources to students and remove barriers to their academic success; and 2) Teach students about the many important junctures and hurdles in their financial journey through college, from financial aid procedures to basic financial literacy.

BFAP Allocation

	2016-17	2017-18	2018-19
■ BFAP	$676,604	$634,990	$707,845
■ Maintenance of Effort	$748,436	$939,585	$958,329
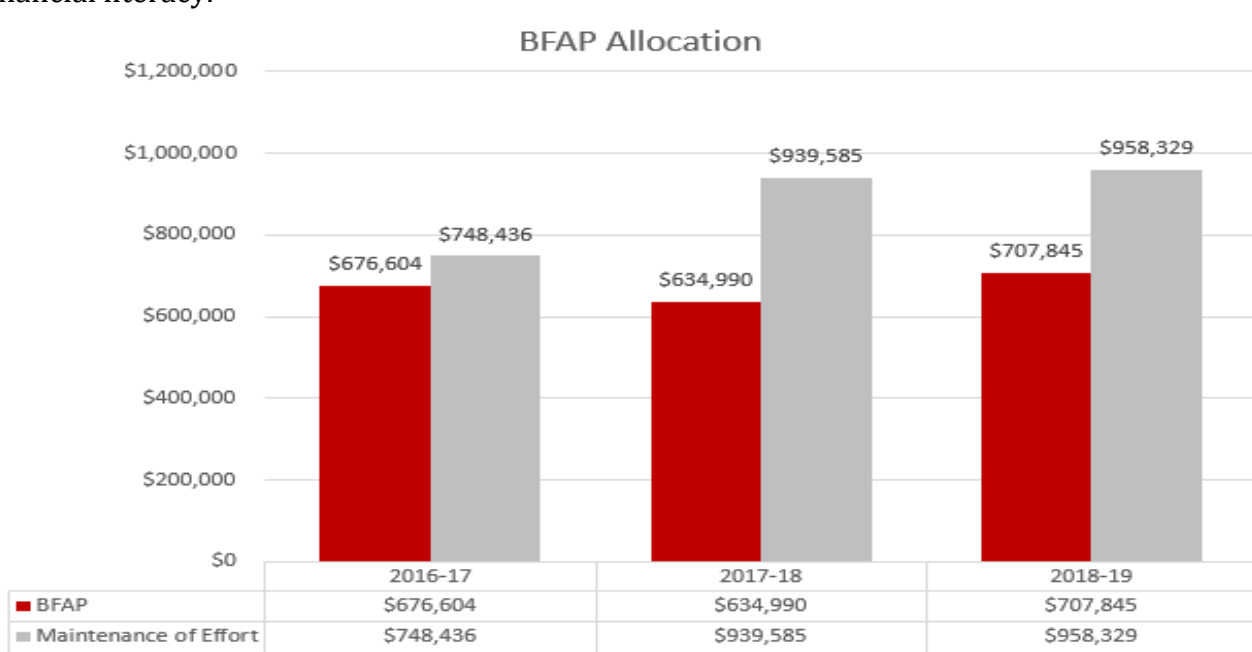
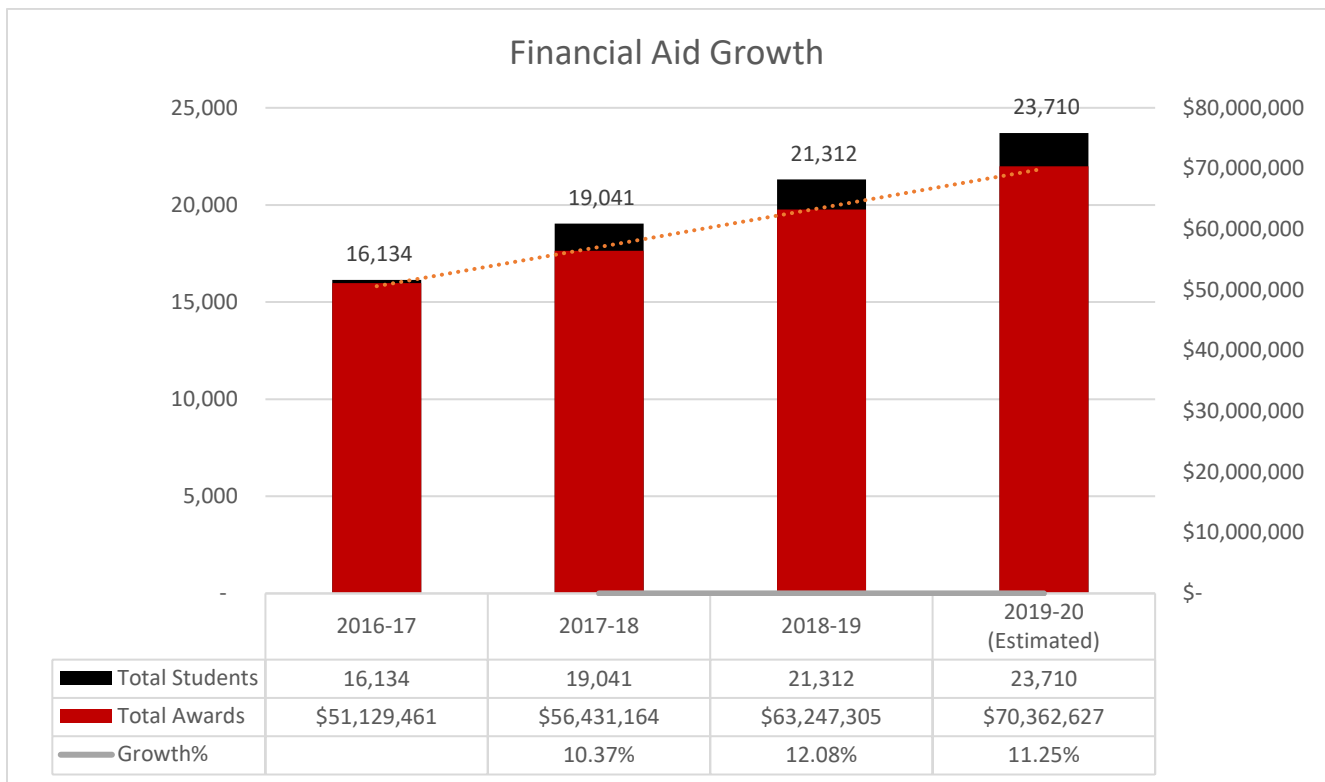Through determination and hard work, the College has produced significant results in these areas. This has led to an increase in its BFAP budget in 2019-2020.

To accomplish its objectives, the Financial Aid Office has awarded funds to students from a large variety of programs such as Cal Grant, Student Success Completion Grant, Federal Supplement Educational Opportunity Grant (SEOG), the College Promise program and other critical resources such as the California Promise Grant (formerly Board of Governor's Fee Waiver or BOG), the Pell Grant, institutional scholarships, and loans.

These important programs have helped our students pursue academic development without difficult financial roadblocks that hinder or end their ability to stay on the path to graduation or transfer.

The Financial Aid Office has seen (and continues to see) tremendous growth in its awarding. Its total award recipients and award amounts, including scholarships, has seen consistent growth from 2016-2017 to the present as noted in the following chart:

Financial Aid Growth

	2016-17	2017-18	2018-19	2019-20 (Estimated)
Total Students	16,134	19,041	21,312	23,710
Total Awards	$51,129,461	$56,431,164	$63,247,305	$70,362,627
Growth%		10.37%	12.08%	11.25%

Although 2019-2020 is only halfway complete, awarding has already met or exceeded the levels of 2018-2019 in many areas. For example, the Promise Grant Waiver (formerly BOG Waiver) has increased by 2 million and we are not even in Spring yet. The Pell grant is at 18 million dollars with 11,000 recipients, and this is only reflecting a portion of the Fall semester.

The bottom-line: total awards have increased substantially, and overall we are seeing strong, steady growth each year.

This tremendous growth has allowed the Financial Aid Office to receive consistent increases in BFAP allocation. The Financial Aid Office has used these resources to support staff training initiatives and department growth. For example, staff members continue to attend the Federal Student Aid and California Association of Student Financial Aid Administrators conferences, tax training workshops, professional development and team building training, and a variety of NASFAA courses administered online. Such opportunities have helped the staff perform better in its administration of financial aid and in its service to students.

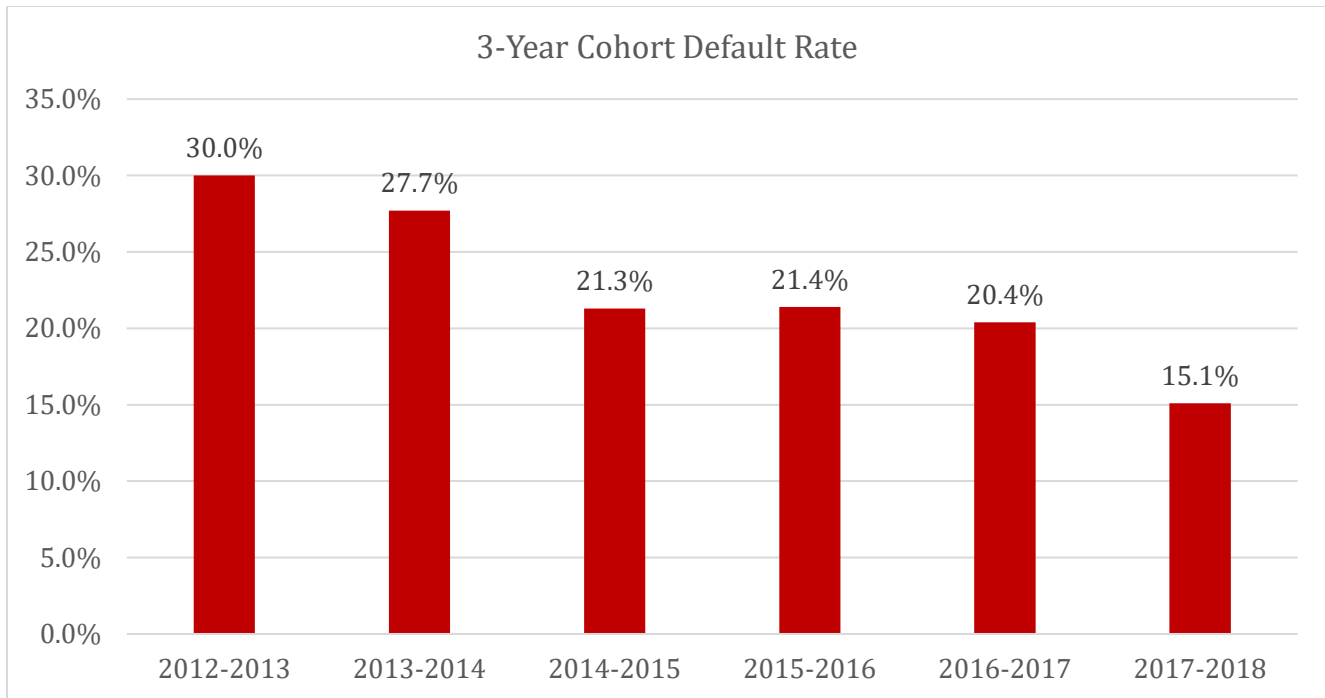The College Promise program guarantees free tuition for first-time, full-time students who meet certain requirements such as taking Math and English in their first year. In addition, the Student Success Completion Grant provides extra funds for Cal Grant B-eligible students who are taking at least 15 units each semester. By removing or reducing financial barriers, the College Promise and Completion grant programs help students finish their education track on time. The Financial Aid Office's efforts to increase applications for these programs have paid off. As a result of a significant increase in this direct financial assistance (see chart below), more students are completing their academic goals, and more students are equipped to excel in their studies as they rely on the resources that Bakersfield College is able to provide.

Year 2 Expenditure Breakdown

Staffing **(25%) = $273,148** (Oversight: Lesley Bonds)	**Direct Financial Assistance** **(75%) = $824,314** (Oversight: Jennifer Achan)
• Program Manager ($103,725) • Educational Advisor – UC Pathways ($91,284) • Faculty Lead - 0.4 ($53,309) • Faculty Lead – Summer ($5,000) • Travel: $20,000	• Tuition: $370,941 (45%) • Non-Tuition Costs: $453,373 (65%)
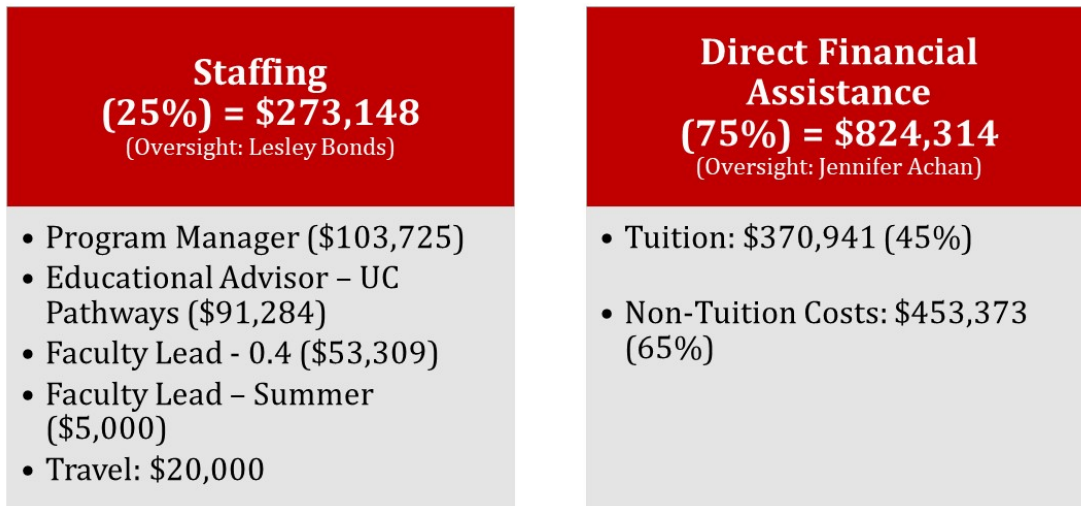
Cohort Default Rate: Bakersfield College's latest 3-Year Cohort Default Rate is 15.1 percent, which is a significant improvement from the previous rate of 22.5 percent. The Financial Aid Office estimates the newest default rate to be 16.3, which is still a significant improvement from previous years. These numbers indicate a continuing positive trend: fewer students are needing to borrow loans to pay for their education.

3-Year Cohort Default Rate

Year	Rate
2012-2013	30.0%
2013-2014	27.7%
2014-2015	21.3%
2015-2016	21.4%
2016-2017	20.4%
2017-2018	15.1%

E2: Extended Opportunity Programs and Services (EOPS), Cooperative Agencies and Resources for Education (CARE), California Work Opportunity and Responsibility to Children (CalWORKs) and Cooperating Agencies Foster Youth Educational Support (NextUp)

EOP&S Allocation

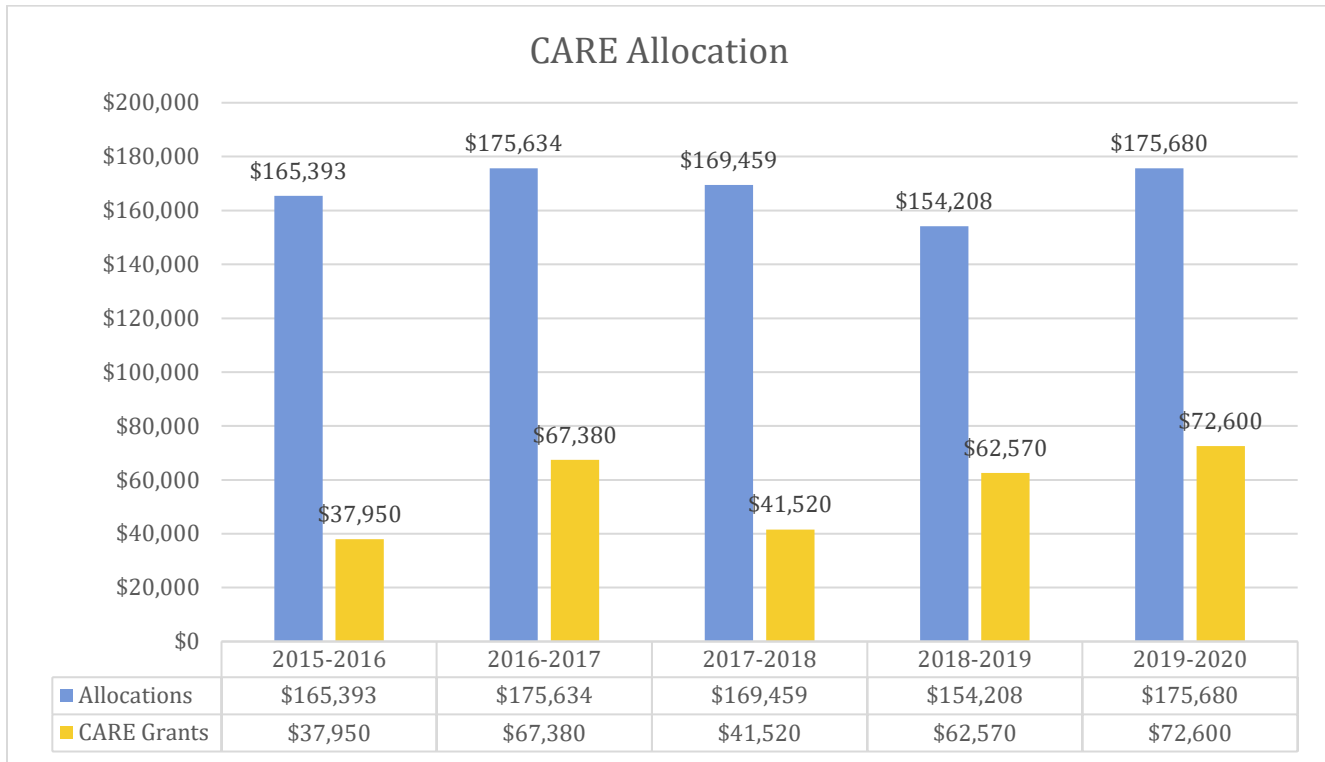|	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Allocation	$1,044,078	$1,120,731	$1,155,632	$1,250,666	$1,389,294
Required Match	$129,285	$160,883	$146,718	$170,221	$189,627
Category C Obligation	$10,516	$100,000	$224,146	$244,279	$173,867
Book Expenditures	$392,000	$424,078	$417,996	$388,554	$224,146
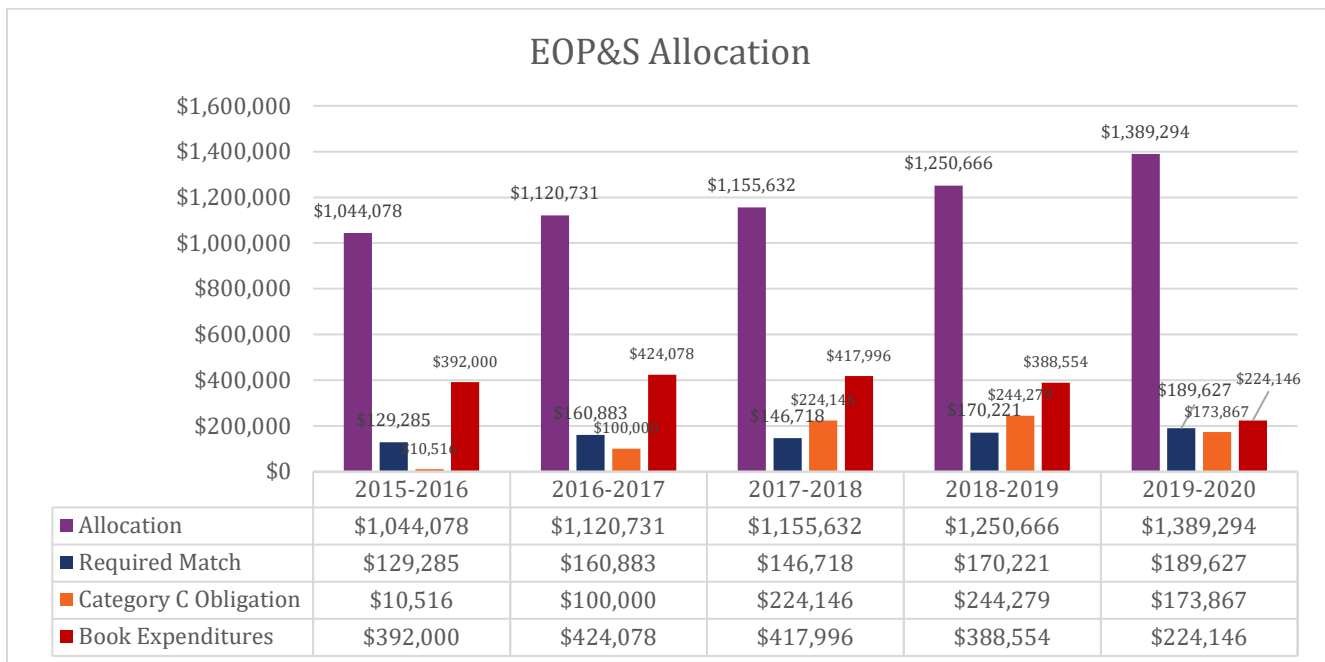
Budget: As seen in the chart above, EOPS has experienced a growth in funding over the past years that has continued into the current 2019-2020 fiscal year.

EOPS continued to grow from 858 students served in 2014-2015 to 1,965 in 2018-2019 and currently at 2,013 for fall 2019. With this growth, book voucher awards decreased to accommodate more students. Category C pays for unmet need grants to support childcare and other educational expenses. In 2019-2020, EOPS continued offering meal vouchers and bus passes or gas cards to students with special circumstances such as homelessness, loss of income, and so forth.

E3: Cooperative Agencies and Resources for Education (CARE)

CARE Allocation

	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
Allocations	$165,393	$175,634	$169,459	$154,208	$175,680
CARE Grants	$37,950	$67,380	$41,520	$62,570	$72,600

Budget: As seen in the chart above, the Cooperative Agencies and Resources for Education (CARE) experienced an increase in funding for the 2019-2020 fiscal year.

CARE Grants: The CARE program has continued to award CARE grants for those students with financial unmet need to assist with childcare or educational expenses. Students must be financial aid eligible to receive the CARE grant.

Meal Vouchers: The CARE program provided the single head of household students their meal vouchers each semester on a monthly basis. The students were able to use these vouchers at their BC campus cafeteria, which saved them the trouble of driving off campus to purchase food.

Transportation: The program provided bus passes or gas cards to all CARE students.

CARE Brown Bag Series: The CARE program offered a series of workshops for CARE students to focus on important topics. Workshop topics included Employment, Resume Building and Job

Interview Techniques, Health and Wellness, Self Defense, Yoga and Nutrition, Financial Literacy, Filing Taxes, Budgeting and Financial Literacy.

E4: California Work Opportunity and Responsibility to Children (CalWORKs)

CalWORKs Allocation

	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
■ Allocations	$165,393	$175,634	$169,459	$254,066	$241,331
■ CalWORKs Grants	$37,950	$67,380	$41,520	$38,100	$29,300
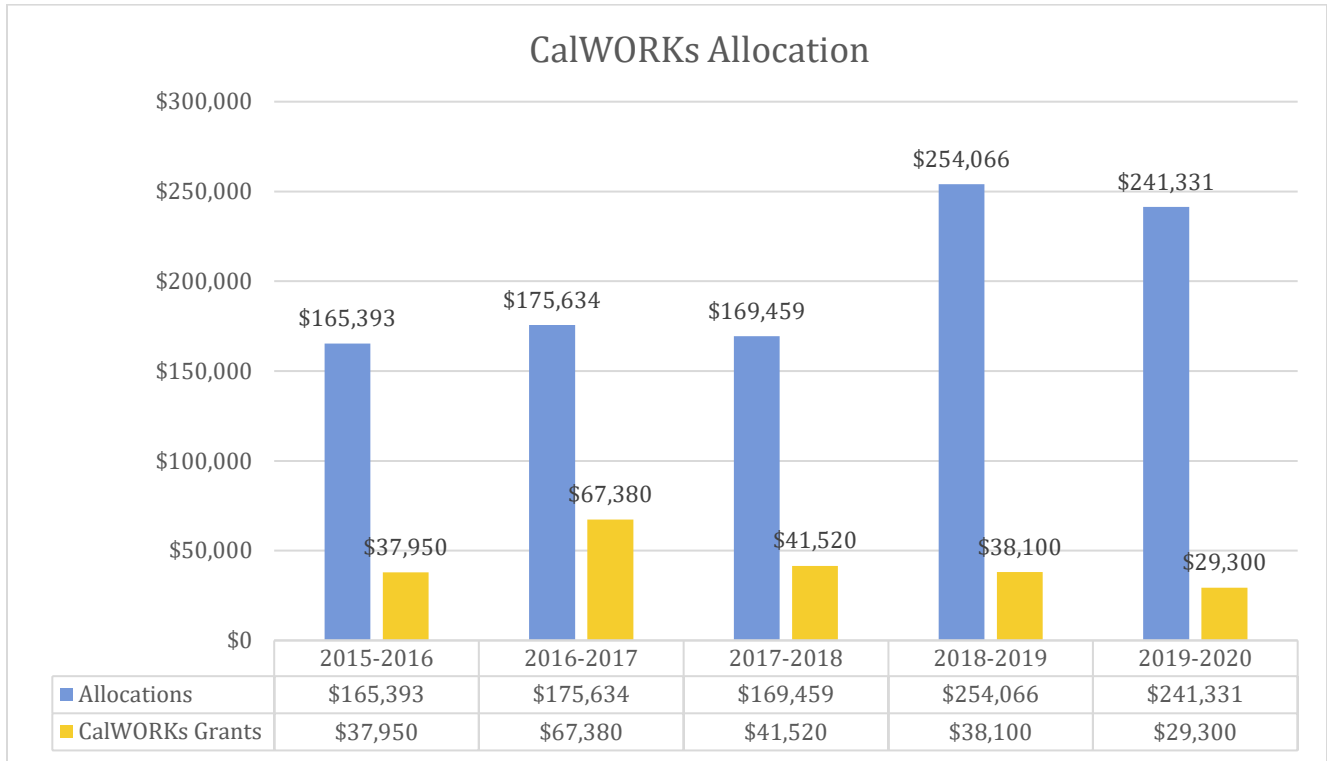
Budget: As seen in the chart above, California Work Opportunity and Responsibility to Kids (CalWORKs) had a decrease in funding for the 2019-2020 fiscal year.

The CalWORKs student population are generally parents who are recipients of CalWORKs/TANF public assistance benefits with a Welfare to Work Plan. CalWORKs at Bakersfield College provides education, employment training, support services and work-study opportunities to increase wage-earning power and lead to self-sufficiency. Many of them work to support their family while attending college. In addition to the regular services provided, CalWORKs continued offering meal vouchers and bus passes or gas cards in 2019-2020 to students with special circumstances such as homelessness, loss of income, and so forth.

Cooperating Agencies Foster Youth Educational Support (NextUp)

NextUp

	2018-2019	2019-2020			
Allocations	$1,000,000	$1,000,000			
Actual Work Study Expenditures	$19,575	$25,000			
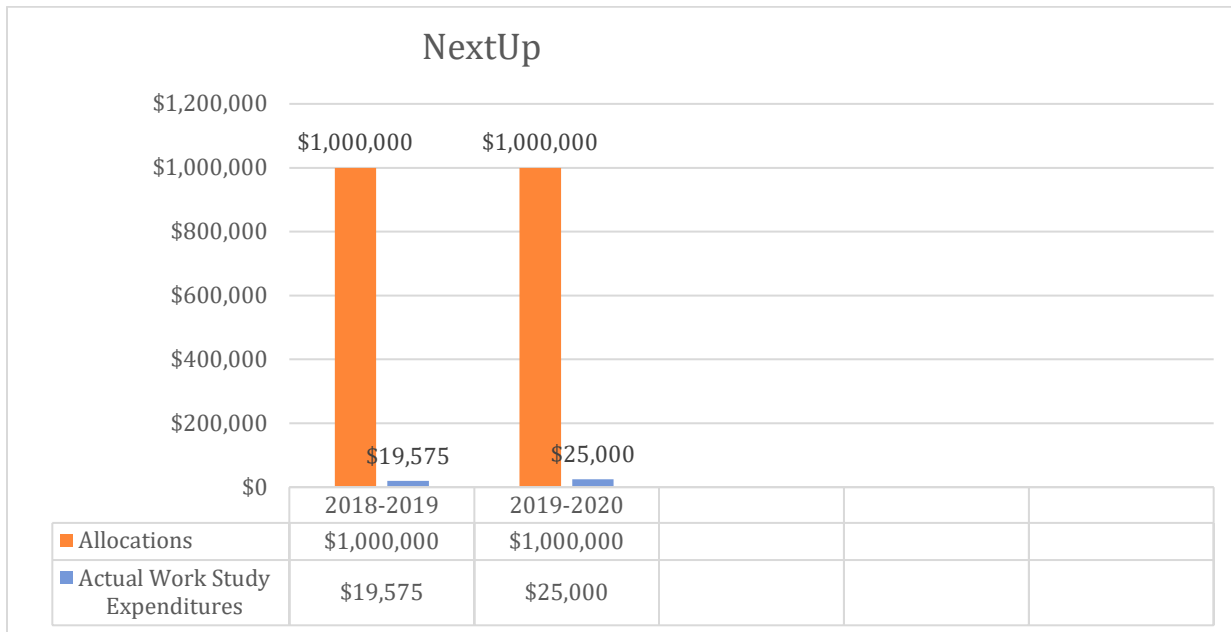
Budget: Bakersfield College was allocated $1,000,000 for the second year to provide services to current/former foster youth students under the age of 26 for the 2019-2020 fiscal year.

Cooperating Agencies Foster Youth Educational Support Program, also known as NextUp, supports current and former foster youth under the age of 26 with higher education success, health, and well-being providing support in enrollment, retention, and transfer to a 4-year university. NextUp supports students with their BC matriculation steps, financial aid and Chafee applications, books and supplies, childcare, intrusive counseling and career guidance, comprehensive educational planning, emergency housing and food assistance, health services, life skills and financial wellness, mental health services, transportation assistance (gas cards or bus passes), parking permit, college work-study, and tutoring.

E5: Disabled Students Programs and Services (DSPS)

Budget: As seen in the chart, the Disabled Students Programs and Services office experienced a slight increase in funding during 2019 - 20. This was due to the CCCCO determining that they could not implement the new funding structure the 2019-20 budget because some colleges would have received a huge increase, while others would suffer an inequitably huge decrease. As a result, the CCCCO halted the implementation of the new funding structure and gave us our 18-19 budget with a COLA.

As the overall BC student population increases, so does the DSPS student population. Part of this increase is also due to DSPS implementing better methods for tracking and documenting student contacts.

Because of all the changes still in flux at the CCCCO level, DSPS has no way to anticipate how our allocation will be impacted for 2020-21, despite an ever-growing disabled student population.

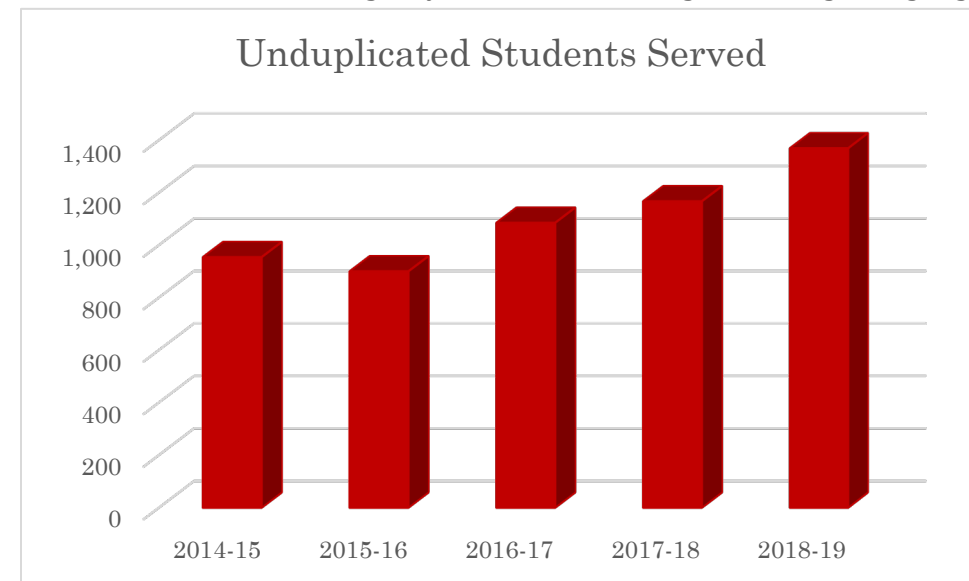Staffing continues to be a struggle. While finding qualified people is sometimes difficult, getting the paperwork processed through the President's Office and HR in a timely manner is actually much more challenging. The process is never smooth, quick or easy! The DSPS Department Assistant III left in early August. Replacement paperwork was submitted to the Vice Presidents for signatures in July 2019. However, the vacancy did not get posted for applications until the end of November 2019—4 months later. The DSPS office has suffered a great deal not having a DA III to manage the front office and take care of our purchasing needs. This has put a tremendous strain on others in the office who need to cover the front area when they should be focusing on their own work.
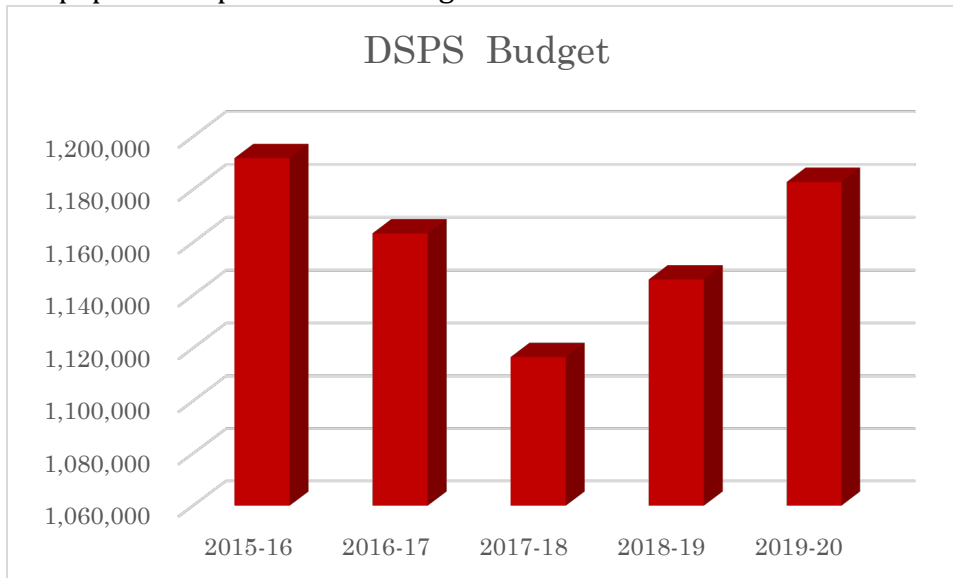
DSPS Budget

Year	
2015-16	
2016-17	
2017-18	
2018-19	
2019-20	

One area that we will always need to supplement is sign language interpreting services. While we have 3 staff interpreters at 30-35 hours per week, ranging from 8 to 10 month contracts, this is insufficient to meet our needs. To fill our unmet interpreter needs, we utilize a community-based interpreter agency at a much higher rate than what we pay staff interpreters. DSPS spent $150,000 in FY19 to this agency. Until KCCD changes how sign language interpreters are paid and how they are used, it will be difficult to compete with the agency to get KCCD hourly interpreters.

Unduplicated Students Served

Year	
2014-15	
2015-16	
2016-17	
2017-18	
2018-19	

As a closing note, the DSPS student population continues to grow exponentially, but the number is still well below where it should be based on statistics. DSPS should be 10% of the BC student population, but

is only about 4% right now. However, **DSPS has grown 65% from 2015-16 (n=900) to 2018-19 (n=1,369).**

E6: Student Equity & Achievement Program (SEAP)

2019-20 Professional Development Expenditures

From July 1, 2019 to the date of this report, Bakersfield College has spent $51,182 in categorical funds on professional development related to Student Equity & Success. Note numbers do not reflect direct faculty special compensation for engagement in professional development activities on campus, cost of food and materials when hosting events on campus, etc.

- **Student Equity & Achievement:** $23,969
- **Guided Pathways**: $24,666
- **Innovation Award**: $638
- **College Futures Foundation Award**: $1,909

Conferences Include:
- Achieving the Dream Holistic Student Supports Institute – Oak Bridge, IL
- California Acceleration Project Student Completion & Equity Conference – San Diego, CA
- California Coalition for Early & Middle Colleges Annual Conference – Riverside, CA
- Community College League of California Annual Conference – Riverside, CA
- Curriculum Institute – San Francisco, CA
- Educational Systems & Intersegmental Pathways Task Force – Sacramento, CA
- Hobson's Starfish Summer Institute – Marco Island, FL
- Institute for Higher Education Policy Summit – Minneapolis, MN
- KCSOS Power of Equity Symposium – Bakersfield, CA
- National Alliance of Concurrent Enrollment Partnerships – Salt Lake City, UT
- RP Group Leading from the Middle Conference – Pomona, CA
- RP Group Strengthening Student Success Conference – Burlingame, CA
- Umoja Student Learning Institute – Oakland, CA

2019-20 Student Success Categoricals and Grants:
Since 2015, the Office of Student Success and Equity has steadily grown its annual categorical fund portfolio by 164%. In 2019-20, the college received just under $9 million in categorical fund allocations to date. SS&E manages these funds, in addition to rollover and match funding requirements totaling approximately $12 million annually, while continually pursuing additional categorical and grant resources regularly.

Fund	2015-16	2016-17	2017-18	2018-19	2019-20
SEAP - SSSP	$2,079,186	$3,473,756	$4,231,081	$4,179,753	
SEAP - Equity	$1,005,862	$2,088,925	$2,144,245	$2,144,245	$7,011,556
SEAP - BSI	$314,108	$319,634	676,793	--	
Guided Pathways	--	--	--	$609,424	$731,309
Innovation Award	--	--	$766,667	$766,667	$766,667
College Promise	--	--	$375,000	$375,000	--
Ellucian Award			--	$5,000	--
College Futures - Statewide	--	--	$23,000	$14,000	$9,000
College Futures – CSU Transfer Pathways	--	--	--	--	$396,000
MDRC SUCCESS Project	--	--	--	--	$50,000
Total	*$3,399,156*	*$5,882,315*	*$8,216,786*	*$8,094,089*	*$8,964,532*

E7: Office of Student Life

Student Assistance Program (The Renegade Pantry) from April 2019 to October 2019:
- Daily Bread: In partnership with Panera Bread, the service has been used 9,871 times by students. This number has decreased because students are now signing in for the Pantry and getting bread at the same time. Pantry Sign-ins from April to October 2019 were 8,099.
- Monthly Grocery Distribution: this service was used 76 times. Monthly Distribution was discontinued after the last distribution in May due to the Pantry Shelf program. Students are now able to access food daily so the monthly service was no longer necessary.
- Emergency Food Distributions: This service has been discontinued as it is no longer needed due to daily food availability.
- Fresh Fruits and Vegetables: this service was used 743 times, serving 562 unique individual students.
- Hygiene Kits are now accessed as part of the Pantry Shelf Program.
- Renegade Closet: 34 students have used this service.
- Pantry Shelf: Starting Fall 2018, many of our pantry services were folded into a new program entitled the *Pantry Shelf*. From April 1st -August 23rd 1,270 students were served. **For Fall 2019 (Aug 26-Oct 30) we have seen a record breaking 5,203 students!** Total unique students served since April 2019, 6,473.

Student Life Visits:
The Office of Student Life was visited approximately 16,311 from April 2019 to October 2019. Visits include everything from questions, meetings, requests of information or resources, student organizations services, BCSGA matters, but not including the Pantry services, events, or meetings.

Student Life Collaborations:
Bakersfield College Student Government Association funded 29 events and programs through

the Student Organizations Funding and Campus Collaborative Action grants in the total amount of $16,121.97. We hosted 58 events from April 2019 until the end of October 2019. Additionally, Student Life assisted with 14 Student Organization events and hosted 17 meetings between BCSGA Senate and Inter-Club Council to date.

Student Conduct Cases from April to October 2019:

Case Type	Number of Individuals (Cases)
Student Conduct Violation	57
Students of Concern	297
Academic Integrity	46
Harassment/Discrimination	3
Title IX	33
Student Complaints	69
Medical Aid	28
Clearance	36
Campus Safety	133
Total	702

E8: Vocational Technical Education Act (VTEA)
Fiscal 2019-20 $757,209.00

VTEA funding has remained relatively stable over the past 5 years, but as noted in the chart below, revenue is dependent upon the financial stability of the state as well as College FTES generation.

VTEA: Revenue and Expenditures

	2013-14	2014-15	2015-16	2016-17	2018-19	2019-20
Allocation	$533,350.00	$555,124.00	$585,960.00	$620,309.00	$679,874.00	$757,209.00
Expenditures	$465,327.00	$530,409.00	$562,847.00	$594,981.00	$675,063.00	
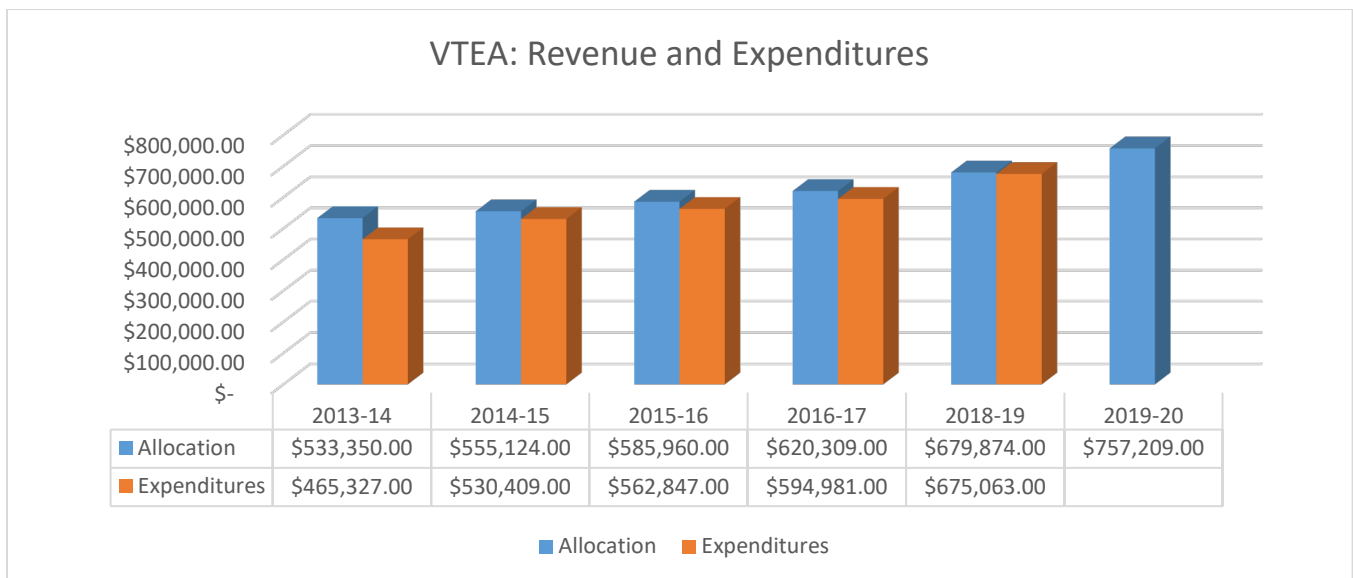
The majority of funding supports personnel, educational advisors and job development specialists to support work needed for "Special Populations" CTE students, as well as 50% of a

Program Director salary to administer the Program. In addition, funding is used to support professional development activities that would 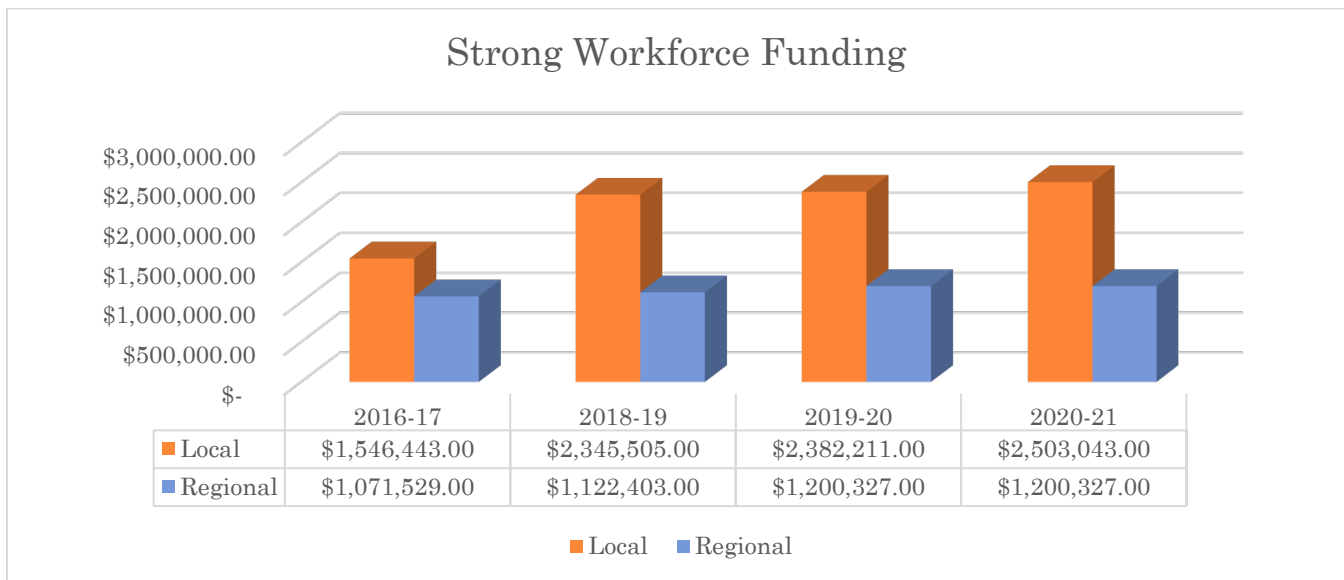benefit all CTE programs as well as software licensing fees for EMSI (Economic Modeling Specialists, Inc.) which is an internet based data system that provides labor market analytics, program alignments and Career Coach. The remaining funding supports program specific professional development activities for faculty so that they may remain current in their discipline and equipment purchases so faculty may teach using current industry specific equipment. Equipment purchases to support instructional needs of the high cost of CTE programs increased significantly to $167,938.67 for 2018-19.

E9: Strong Workforce Funding

During the 16/17 and 17/18 fiscal cycles, the College received significant funds to support "More and Better CTE". Year 1 allocation was based on the following formula: 1/3 unemployment, 1/3 job openings and 1/3 CTE FTES. During Year 2 and subsequent years, colleges received 83% of the available funding, the allocation is based on the following formula: 1/3 unemployment, 1/3 CTE FTES and 1/6 job openings. The remaining 1/6 allocation is considered "17% incentive funding" and will be released to college's in January and will be based on each college's FTES performance with additional points being given to "special population" students.

Strong Workforce Funding

	2016-17	2018-19	2019-20	2020-21
Local	$1,546,443.00	$2,345,505.00	$2,382,211.00	$2,503,043.00
Regional	$1,071,529.00	$1,122,403.00	$1,200,327.00	$1,200,327.00

Strong Workforce Local Share:
Year 1 = $1,546,443 (7/1/2016 – 12/31/2018)
Year 2 = $2,345,505 (7/1/2017 – 12/31/2019)
Year 3 = $2,382,211 (7/1/2018 – 12/31/2020)
Year 4 = $2,503,043 (7/1/2019 – 12/31/2021)

Year 1 funding supports more and better CTE through the enhancement of existing programs – Auto, Manufacturing, Commercial Music and Culinary; expansion of programs to Delano – Electronics; and, development of new Programs HVAC, at Delano, and Associate of Science of Industrial Automation that will be a feeder into the Baccalaureate program. Funding will

purchase equipment, pay for professional development and stipends for curriculum development.

Year 2 funding supports more and better CTE through the continuation of enhancing existing programs – Environmental Control Technology (HVAC), Electronics and Electrical Technology, Automotive, and Computer Science. While new projects include – Logistics and Supply Chain, Water Technology, Food Science, Child Development, Culinary, Heavy Equipment Technology, Health Simulation, ITT Program Support, CTE Across and Physical Therapist Assistant.

Year 3 funding supports more and better CTE through the continuation of enhancing existing programs – Environmental Control Technology (HVAC), Food Science, Automotive, Health Simulation, Physical Therapist Assistant, Logistics and Supply Chain, Water Technology, Ag Business, Heavy Equipment Technology and Computer Science. While new projects include – Construction, Safety, Steam/STEM Outreach, and Industrial Technology and Transportation Support.

Year 4 funding supports more and better Career Education through the continuation of enhancing existing programs and development of new programs. Environmental Control Technology (HVAC), Electronics and Electrical Technology, Automotive, Computer Science, Logistic Supply Chain, Ag Business, Heavy Equipment Technology, Physical Therapist Assistant. New programs include Fitness Trainer, Entrepreneur, and Nutrition.

Strong Workforce Regional Share:
Year 1 = $1,071,529 (7/1/2016 – 12/31/2018)
Year 2 = $1,222,403 (7/1/2017 – 12/31/2019)
Year 3 = $1,200,327 (7/1/2018 – 12/31/2020)
Year 4 = $1,200,327 (7/1/2019 – 12/31/2021)

Year 1 funding supports more and better CTE utilizing a regional approach through the enhancement of existing programs – Advanced Manufacturing, Health Simulation and Faculty Development/Recruitment, Dual Enrollment, Industrial Automation and Workplace Internships/Job Development. Funding will support staffing, purchase equipment, pay for professional development and stipends for materials development.

Year 2 funding supports the continuation of regional projects – Dual Enrollment, Workplace Internship Development, Industrial Automation, and Health Simulation.

Year 3 funding supports the continuation of regional projects – Dual Enrollment, Workplace Internship Development, Industrial Automation, and Health Simulation. Funding will support staffing, purchase equipment, pay for professional development and stipends for materials development.

Year 4 funding supports more and better Career Education through the continuation of enhancing existing programs and development of new programs. Health Simulation, Industrial Automation Bachelorette Program, Dual Enrollment, Workplace Internship Development.

Campus Header	BC				
	Local Share				**Grand Total**
	SW1 - 16/17	**SW2 - 17/18**	**SW3 - 18/19**	**SW4 - 19/20**	
Total Alloc.	1,546,443	2,345,505	2,382,211	2,503,043	8,777,202
Target Direct Exp. Local	1,486,964	2,255,294	2,290,588	2,406,772	8,439,618
Direct Exp. Needed	4,693	142,723	1,350,516	2,401,262	3,899,194
Adj. Spending Pace Local	0	71,361	90,034	88,936	88,618
Months left in Alloc.	0	2	15	27	27

Campus Header	BC				
	Regional Share				**Grand Total**
	SW1 - 16/17	**SW2 - 17/18**	**SW3 - 18/19**	**SW4 - 19/20**	
Total Allocation	1,071,529	1,122,403	1,200,327	0	3,394,259
Direct Exp.	1,071,529	982,221	254,208		2,307,958
Alloc. Under/(Over) Spent	0	140,182	946,119	0	1,086,300
Adj. Spending Pace Reg.	0	70,091	63,075	0	24,689
Months left in Alloc.	0	2	15	27	27

% OF ALLOCATIONS SPENT

	SW1 - 16/17	SW2 - 17/18	SW3 - 18/19	SW4 - 19/20
■ Regional Share	100.00%	87.51%	21.18%	
■ Local Share	99.66%	91.97%	39.86%	0.22%
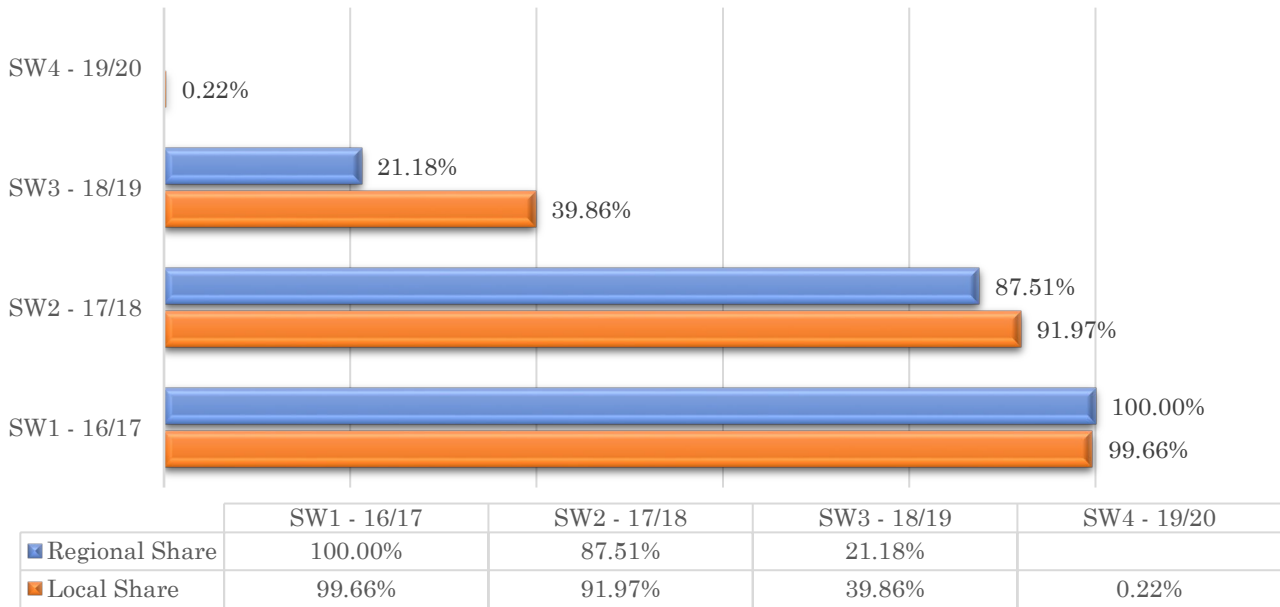
E10: Instructional Block Grant
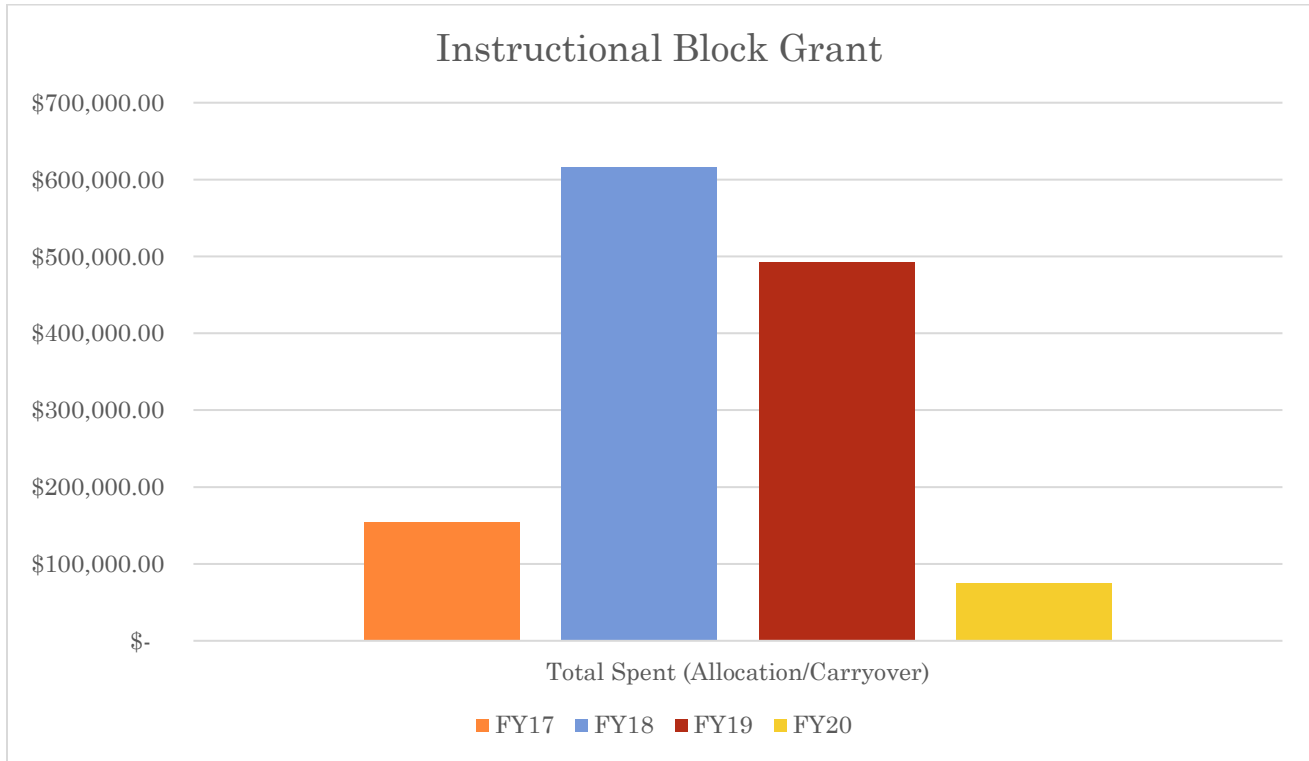
The Instructional Block grant was braided with VTEA and Strong Workforce so that the majority of instructional equipment requests could be addressed. Because of this integrated spending process for instructional equipment and professional development, the College was able to grant the majority of the 18/19 equipment requests for the instructional areas. Expenses include Library Books/AV Equipment, Computer/Technology Equipment, Software Licensing/Maintenance, Furniture, etc.

E11: CSUB Title V Cooperative Grant
Budgeted = $185,557
Spent = $146,550 (80%)

The cooperative agreement with CSUB will continue its collaborative efforts during the final year of the grant. Funds will continue to support the efforts between Bakersfield College and CSUB faculty, as well as faculty stipends and supplies. The collaboration offers a two-week STEM research academy at CSUB where STEM faculty from both institutions work to bring curriculum focused seminars to students interested in STEM. These expenditures also make it possible to hold several week-long STEM camps for middle school to high school students who participated free of charge to learn about everything from architecture to robotics to the physics of building your own acoustic guitar. The 2020 camp schedule will continue to expand into rural communities of Wasco and Delano. The spring break will kick off its second year with a Wasco High Migrant Ed. STEM camp engaging migrant high school females exploring architectural design. This summer, the camp in Delano will present opportunities for high school students to experiment with engineering concepts and dabble with new camps, such as Artificial Intelligence and Cyber Security.

E12: California Career Pathways Trust II Grant
Budgeted = $1,404,189; Spent = $1,563,632 (94.1%)
Budget Adjustment via Logistics (PC) = $1,662,517

Funds extended for a third year of this grant supported the program manager's work with industry partners, campus faculty and other stakeholders. Special focus of this support included assistance with the Industrial Technology and Transportation Pathway, enhancing student success activities for related disciplines, and facilitating engagement in the creation of curriculum for the new Logistics program. Funds to purchase palletized robotic arms jumpstarted the Logistics program and set the stage for aligning its curriculum with BC's Business Management program. CCPT2's other programs--Ag Mechanics, Automotive, Construction, Energy, Engineering Tech., Patient Care, Manufacturing, and Welding--continue to thrive.

CCPT2 GRANT 2018-2019

(Bar chart showing values for Salaries & Benefits (~$270,000), Supplies (~$135,000), Professional Development (~$15,000), Software & Computer Tech (~$5,000), Equipment (~$145,000). Y-axis from $- to $300,000.00. Legend: Series1)
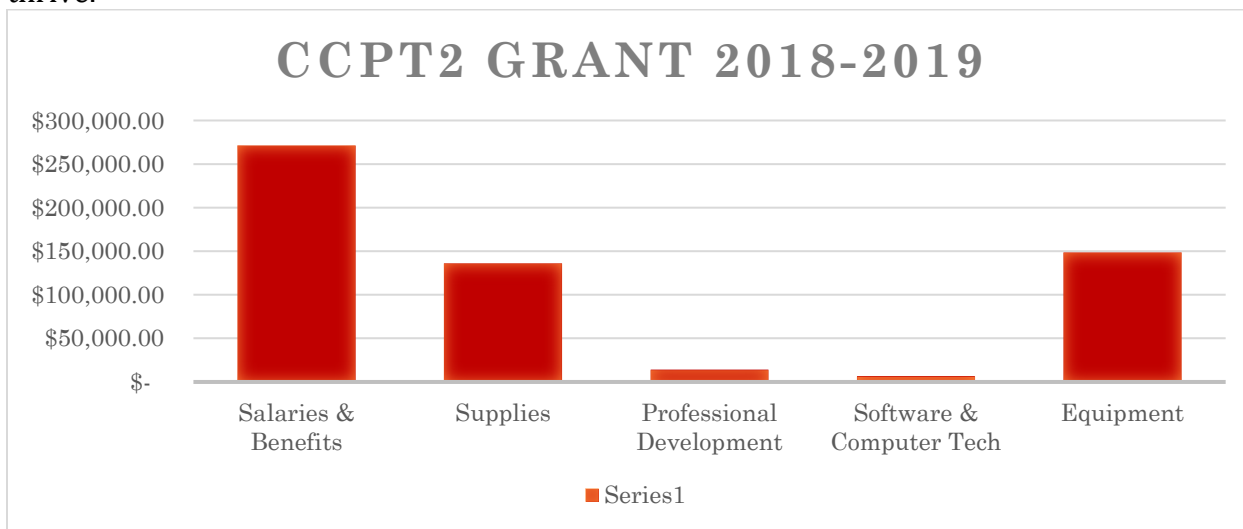
Section F: Distance Learning

Bakersfield College continues to see significant growth in Distance Education offerings across the college. This growth has been led and supported by the Academic Technology Department.

The growth in the number of sections for online have grown from 75 in Fall of 2015 to 304 in the Fall of 2019, which represents a growth of over 249%. Over 100 faculty have participated in the "Advanced Online Teaching" course, and approximately 120 faculty have been trained in Canvas via individual appointments or workshops in the last year.

Semester	Sect.	% Gr
Fall 2013	57	
Fall 2014	56	-2%
Fall 2015	75	34%
Fall 2016	87	16%
Fall 2017	144	66%
Fall 2018	217	51%
Fall 2019	304	40%
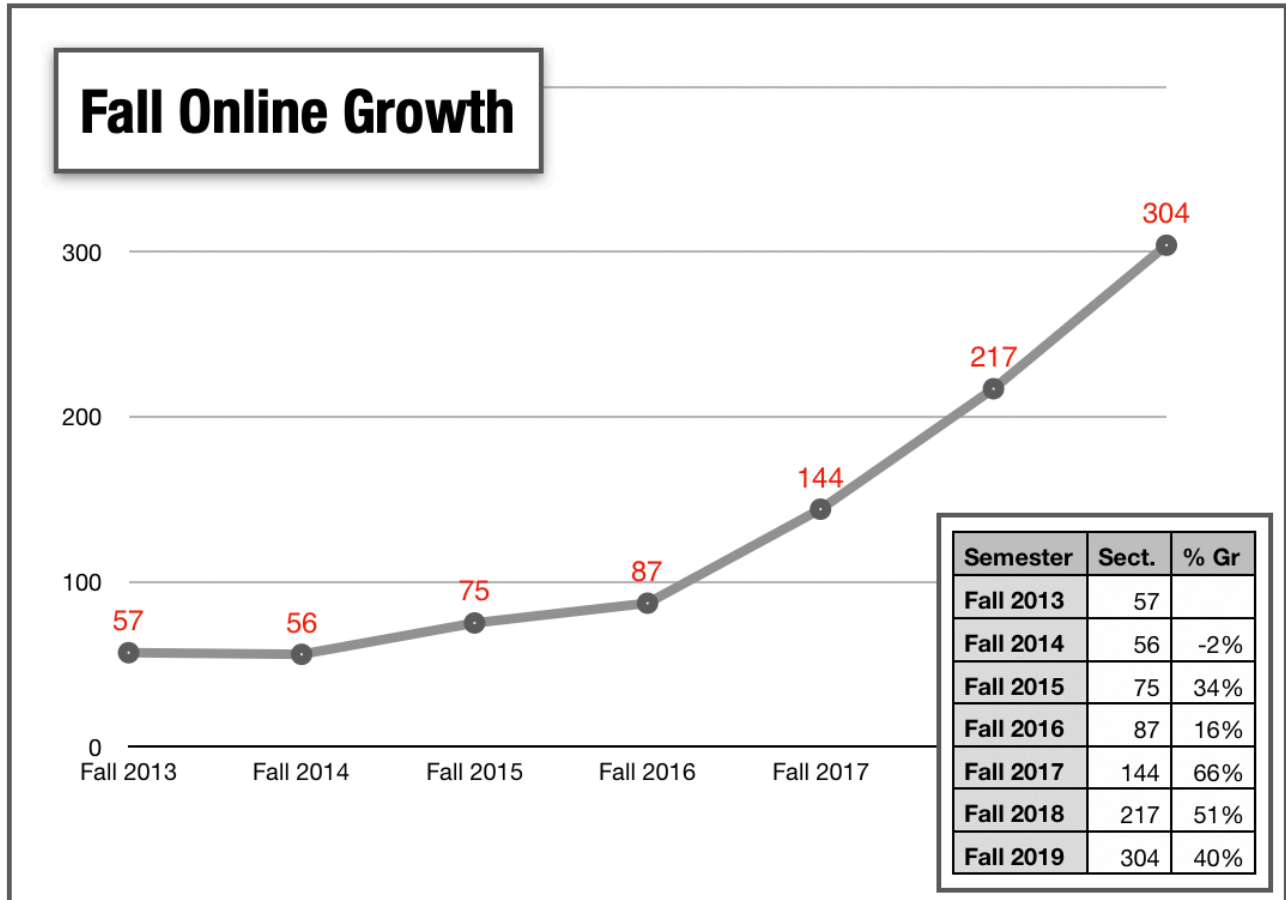
Online Education Initiative

The college continues in its participation in the CVC-OEI, including the launch of our first cohort in the Peer Online Course Review process development, and also the Finish Faster Online initiative. The college is moving toward the offering of courses through the CVC-OEI Course Exchange.

Working Toward Online CTE Degrees

The college was awarded a $500,000 grant to develop, grow, and offer CTE programs fully online. The grant period is from July 1 through June 30, 2020. We anticipate that 4-6 CTE programs will be fully online as a result of this initiative. In addition, we are using this program to develop OER materials and also badges/micro-credentials for each program.

Academic Technology Initiatives:

The Renegade Online Hub

In the Fall of 2018, the Renegade Online Hub soft-launched the college's first in-person support location for online students. This was a response to the equity issues posed by increasing

numbers of online offerings, as well as the fact that over 85% of our online students live within driving distance of our campus. In the Fall 2018 and Spring 2019 semesters, the Hub has helped over 500 students be successful in their online courses. In the Spring 2019 term, a smaller, remote Renegade Online Student Hub location was opened in Shafter, in partnership with the Shafter Learning Center, to assist students from that area who need help with their online courses. The department is currently studying this as a model, in conjunction with our efforts to expand online degrees, for bringing a wider array of programs to rural students.

Appendix A1: Administrative Organization Chart 3/4/2019

Organizational Chart
Administration

BAKERSFIELD COLLEGE

Sonya Christian
President
Bakersfield College

Jennifer Serratt
Assistant to the President
Office of the President

Billie Jo Rice
Vice President
Instruction

Zav Dadabhoy
Vice President
Student Affairs

Mike Giacomini
Vice President
Finance & Administrative Services

Craig Hayward
Dean
Institutional Effectiveness

Norma Rojas-Mora
Director
Marketing & Public Relations

Tom Gelder
Director
Foundation & Institutional Development

Todd Coston
Director
Technology & Professional Development

Instruction (Billie Jo Rice)

Cornelio Rodriguez
Executive Dean
Instruction

Carla Gard
Associate Dean
Instruction

Anthony Cordova
Program Director
Career Education

Stephanie Baltazar
Program Manager
Job Placement

Andrea Thorson
Dean
Instruction

Bill Moseley
Dean
Instruction

Maria Wright
Director
Academic Support Services

Eileen Pierce
Program Manager
Student Success

Yvonne Armendariz
Program Manager
Basic Skills

Abel Guzman
Executive Director
Rural Initiatives

Endee Grijalva
Program Manager
AEBG South Kern

Jaime Lopez
Interim Program Manager
AEBG North Kern

Raquel Lopez
Program Manager
CCPT1

Manuel Muralles
Program Manager
Rural Initiatives

Emmanuel Mourtzanos
Executive Dean
Instruction

Angelica Perez
Program Manager
Inmate Education

Richard McCrow
Dean
Instruction

Tommy Turson
Interim Director
Public Safety Programs

Stephen Waller
Dean
Instruction

Connie Gonzalez
Program Manager
MESA

Lora Larkin
Interim Dean
Instruction

Martin Perez
Program Manager
CCPT2

Aubrey Priest
Program Manager
Engineering

Jessica Wojtysaik
Interim Dean
Instruction

Fernando Lara
Program Manager
BC SouthWest

Rosita Baron
Program Director
Child Development Center

Leticia Mendoza
Site Supervisor
Child Development Center

Marina Mancera
Site Supervisor
Child Development Center

Student Affairs (Zav Dadabhoy)

Marisa Marquez
Director
Student Success & Counseling

Kalina Hill
Program Manager
Testing & Placement

Michael McClenic
Program Manager
Probation & Early Alert

Imelda Valdez
Director
EOPS, CARE, CalWORKs

Araceli Navarro
Program Manager
Foster & Kinship Care Education

Maria Baltazar
Program Manager
CalSOAP & NextUp

Mindy Munoz
Program Manager
CalSOAP

Patricia Ramirez
Program Manager
EOPS, CARE, CalWORKs

Anna Laven
Program Manager
Dual Enrollment

Michelle Pena
Director
Enrollment Services

Jacqueline Lau
Assistant Director
Enrollment Services

VACANT
Program Manager
Admissions & Records

VACANT
Program Manager
Management Information Systems

Steven Watkin
Director
Outreach & Dual Enrollment

Ashlea Ward
Program Manager
Outreach & School Relations

Kylie Swanson
Program Manager
Dual Enrollment

Sabrina Aguilar
Program Manager
Early College/Inmate Education

Jennifer Achan
Director
Financial Aid

Amanda Stone
Scholarship Manager
Financial Aid

VACANT
Assistant Director
Financial Aid

Nicky Damania
Director
Student Life

VACANT
Director
Health & Wellness

Benjamin Baldarama
Program Manager
Campus Center Programs & Services

VACANT
Manager
Veterans Resource Center

Sandi Taylor
Director
Athletics

Keith Ford
Associate Director
Athletics

Darrell Ballard
Program Manager
Athletics

Dan Hall
Director
Student Success Technology

Lesley Bonds
Director
Student Success & Equity

Lisa Kent
Program Manager
Equity & Inclusion

Terri Goldstein
Director
Disabled Students Programs & Services

Denise Crawford
Program Manager
Workability III

Finance & Administrative Services (Mike Giacomini)

Bill Potter
Director
Maintenance, Operations, & Facilities

Jim Coggins
Manager
Maintenance, Operations, & Facilities

Ramon Puga
Operations Manager
Maintenance, Operations, & Facilities

Caroline Walth
Custodial Services Supervisor
Maintenance, Operations, & Facilities

Rachell Morehouse
Custodial Services Evening Supervisor
Maintenance, Operations, & Facilities

Mary Jo Pasek
Manager
Community Relations & Events Scheduling

VACANT
Executive Director
College Safety

Chris Counts
Director
Public Safety

Fidel Cabuela
Manager
Food Services

Stephanie Stuart
Assistant Manager
Food Services

Cristal Rios
Budget Analyst
Finance & Administrative Services

Somaly Boles
Budget Analyst
Finance & Administrative Services

Institutional Effectiveness (Craig Hayward)

Amber Hroch
Institutional Researcher
Institutional Effectiveness

Marketing & Public Relations (Norma Rojas-Mora)

Brandon Urry
Program Manager
Marketing & Public Relations

Monika Scott
Program Manager
Marketing & Public Relations

Tamara Baker
Program Manager
Marketing & Public Relations

Foundation & Institutional Development (Tom Gelder)

Heather Pennella
Alumni & Donor Relations Coordinator (Interim)
Foundation & Institutional Development

Susan Hubble
Financial Information Manager
Foundation & Institutional Development

Technology & Professional Development (Todd Coston)

Brett Redd
Assistant Director
Technology & Professional Development

Updated 03/04/19

Legend				
President's Office	Executive	Dean	Director	Manager
Instruction	Executive	Dean	Director	Manager
Student Affairs	Executive	Dean	Director	Manager
Finance & Administrative Services	Executive	Dean	Director	Manager

Appendix A2: Faculty Position Recruitment
2019/2020 Faculty Hires
Recruitment was completed during the time period of January 2019 - October 2019.

1	Agriculture - Forestry	Jalisca Thomason
2	Agriculture - Forestry	Reynoldo Arroyo
3	Art - Art, Drawing & Painting (Inmate Ed)	Joseph Tipay
4	Athletics-Health & P.E	Konrad Dahl
5	Behavioral Science - Psychology	Sara Manuel
6	Behavioral Science - Psychology	Karin Young-Gomez
7	Behavioral Science - Psychology (Inmate Ed)	Isaias Hernandez
8	Behavioral Science-Psychology (Inmate Ed)	Gabriel Searcy
9	Behavioral Science-Public Health Science	Charles Daramola
10	Biology	Melissa Berube
11	BMIT-Business	Rudy Menjivar
12	Communication	Michelle Bresso (Retreating)
13	Communication - Argumentation & Rhetoric	Heather Silvis
14	Communication - Argumentation & Rhetoric-	Fabiola Butcher
15	Communication - Early college Rural (Inmate Ed)	Michael Muhme
16	Communication - Early college Rural (Inmate Ed)	James Baker
17	Counseling - Concurrenty Enrollment & Early College	Cynthia Zamora
18	Counseling - Concurrenty Enrollment & Early College	Blaine Simmons
19	Counseling - Concurrenty Enrollment & Early College	Grace Comisso (Retreating)
20	Culinary Arts	Anna Melby
21	Electronics Technology, Rural Initiatives	Bonnie Hammond
22	Engineering & Systems - Industrial Automation	Paul Murray
23	Engineering & Systems-Automotive Technology	Richard Range
24	English-Inmate Ed	Sara Wallace
25	English-Inmate Ed	Jennifer Craig
26	Family & Consumer Education - Nutrition	Laura Miller
27	Health & Physical Education Faculty/Assistant Football Coach	Tyler Thompson
28	Industrial Technology-Construction	Kenneth Jones
29	Mathematics	Metin Eroglu
30	Mathematics	Kevin Ruiz

Appendix A3 and A4: Classified and Management Position

2019/2020 Classified Recruitment Status
Classified New Hires April 2019 - September 2019

Filled At	Department Unit Identifier	Date Of Request:	Hired	Fund
9/6/2019	212PA1 - Performing Arts Department	6/3/2019	Calanchini, John	GU001
9/20/2019	268AR1 - Admissions & Records	6/10/2019	Jacqueline Lau	GU001
10/28/2019	260VS0 - VP - FAS	9/16/2019	Somaly Boles	GU001 RP384
10/28/2019	260VS0 - VP - FAS	9/16/2019	Crystal Rios	GU001 RP384
	212CI0 - Child Development (Instructional)	8/30/2019	Floridiliana Mendez	CD011
8/12/2019	230MOC - M & O - Custodial Services	6/3/2019	Taniqua Drayton	GU001
6/6/2019	230MOC - M & O - Custodial Services	5/23/2019	Patricia Ramos	GU001
8/30/2019	260VS0 - VP - Student Services	5/21/2019	Linda Hamblin	RP382
8/30/2019	215BE1 - Behavioral Science Department	7/16/2019	Jonathan Hernandez	RP510
8/29/2019	210VI0 - VP - Student Learning-Instruction	6/4/2019	Lina Michelle Puentes	GU001
9/20/2019	269SY0 - Public Safety	8/16/2019	Christopher Glaser	GU001 RP500
9/20/2019	212FC2 - Foods & Nutrition	5/8/2019	Fidel Cabuena	BF100
10/1/2019	122BS2 - Accounting & Special Services	9/25/2019	Kevin Kerwin	GU001
5/21/2019	212DO0 - Dean of Instruction	5/1/2019	Jessica Wojtysiak	GU001
8/15/2019	268CG1 - Counseling & Guidance Department	8/8/2019	Marisa Marquez	RP302
6/6/2019	267CW1 - CalWorks	4/26/2019	Mindy Munoz	RP659
9/11/2019	210OT3 - Career Tech Equipment One Time	7/1/2019	Freddie Rodriguez	RP613
10/4/2019	211DC0 - Delano Campus	7/16/2019	Angelica Perez	RP648
8/29/2019	269SY0 - Public Safety	5/21/2019	Jeffrey Keith	GU001
	269SY0 - Public Safety	5/20/2019	Francisco Salazar	GU001 RP005
8/12/2019	269SY0 - Public Safety	6/3/2019	Mechelle Romero	GU001 RP005

Appendix B: Technology Requests

2019-2020 Program Review Technology Requests

NOTE: These requests have not been prioritized yet by ISIT.

Non-Instructional Dean Rich McCrow
1. The projected increase in transfer math (PSYCH B5) requires additional computer labs in the LA building. Behavioral Sciences will be requesting two computer labs that will need SPSS or other statistical analysis software. 2. All LA building classrooms need upgraded audio/visual equipment. Currently monitors are small and hard to see and hamper student ability to learn. Faculty need projectors and screens in all classrooms to be effective.
Non-Instructional Academic Technology
The Academic Technology department needs a new camera/Tv recording system for L160. Given the amount of usage this room is getting, which was not foreseen when the equipment was initially installed, it would be beneficial to a large number of constituents to improve these facilities.
Non-Instructional Athletics
Aquatics Needs: With the year: 1. 2 touch pads: $1,000 each, 2. Infinity Starter, 1-2 years: 1. 8 touch pads $1,000 each, 2. Colorado Timing System. **Baseball & Softball Facilities Need**: 1. Replace scoreboards x 3 - approximately $50,000 total (Current scoreboards (3) are more than 20-years old on both fields; they are dinosaurs are very difficult to see on a sunny day). **Track & Field needs**: Race Clocks; **Athletic Training Room**: 1. Three (3) Ipads/tablets to utilize athletic injury software from any location; 2. Sign in kiosk for students to check in for treatment. **Administration Needs**: Three laptops for the Athletics Director, Assoc. Athletic Director and Program Manager.
Non-Instructional Library Science
The library lab/classroom Library 217 has 23 desktop computers. We often teach classes or workshops with more than 23 students. Without access to a computer, students are unable to either follow along with hands-on database demonstrations, or do their own research following the presentation, or complete the class assignment. We are requesting 5-laptop computers to help supplement the 23 existing desktop computers in L217.
Non-Instructional Office of Institutional Effectiveness
Qualtrics – approximately $3,000 per year. Qualtrics is a simple web-based survey tool used to conduct survey research, evaluations, and other data collection activities.
Economic Modeling Specialists Intl (EMSI): provides industry-leading employment data and economic analysis via web tools and custom reports. Application program interface (API) access to data – EMSI APIs will allow OIE to create custom, up-to-date data displays and applications for BC. Alumni data – EMSI Alumni data will allow us to evaluate data in ways we have never been able to do before. BC would be able to analyze graduate outcomes (are students employed in a related field of study), build employer partnerships (be able to tell what employers are hiring BC's alumni), engage with alumni (have a list of alumni with their occupations/marketing and fundraising opportunities), and demonstrate gainful employment (BC graduates are being hired).

Community College Survey of Student Engagement (CCSSE) is an assessment tool that provides information on student engagement, a key indicator of learning and, therefore, of the quality of community colleges. The survey is comprised of items that assess institutional practices and student behaviors that are highly correlated with student learning and retention. It is a versatile, research based tool that identifies what students do in and out of the classroom, knowing students' goals, and understanding external responsibilities can help the college create an environment that can enhance learning, development, and success. The survey is designed to be complete in one 50-minute class period, taking about 45 minutes for students to complete. OIE would like to distribute the survey every 2 years instead of every 3 years. For BC to conduct the survey, cost = $17,350. Oversampling costs extra and additional questions can be added for an additional cost (e.g., academic advising and planning, academic mindset, assessment and placement, information literacy, and student financial heath). In addition, CCSSE offers a faculty survey option for colleges participating in the student survey (cost = $1,200 flat rate). The Community College Faculty Survey of Student Engagement (CCFSSE) is an online survey that invites all faculty members teaching credit courses to contribute their perspectives on student engagement. CCFSSE is designed to elicit information from faculty about their teaching practices, the ways they spend their professional time – both in and out of the classroom, and their perceptions regarding students' educational experiences. BC OIE would also like to participate in this survey every 2 years (we have never conducted this survey).

Tableau server: allows data access across the entire organization, while protecting sensitive data.

Non-Instructional Outreach & Early College

In the Outreach Welcome center we rely heavily on the laptop stations to provide these services to our incoming students. Currently we have 16 workstations, however 2 of the laptops are broken and unavailable for use. This limits the number of students we can serve, especially during peak registration times. The two laptops need to be replaced so that we can operate at full capacity.

Online Enrollment Management Program- All dual and concurrent enrollments currently require that students submit a paper form with permission of their parent and high school official each term. For dual enrollment, these forms are them used to instigate the manual enrollment of each student. For the 2018-2019 school year, this required our Admissions and Records Dual Enrollment technicians to manually enroll over 10,000 students into dual enrollment courses. In addition, concurrent enrollment forms must be processed each semester, and then manually monitored to ensure that students are enrolled in approved courses. With the launch of new online interfaces to collect signatures electronically and all for online enrollment process, Bakersfield College needs to begin the implementation process of one of these products. If growth continues at the same rate as the last 5 years, these processes will become unmanageable if left to paper forms and manual enrollment. Program Suggestions: DualEnroll.com and Canusia, Inc.

Non-Instructional Rural Initiatives

BC Arvin Office - the Rural Initiatives team is looking to establish a temporary BC in Arvin office in preparation for the upcoming Arvin Centre. We would like to equip the office with technology to support services in that office - 6 Desktop Computers, 2 printers. Telephones

Internet at RFK High School - In collaboration with DJUHSD, we would like to extend BC's wi-fi to the classrooms utilized for BC Classes at RFK. Especially the auditorium.

Printer/Copy Machine in Tutoring Lab at the Delano Campus

Non-Instructional Student Success & Counseling

Digital Scrolling marquee for front lobby use.

Three Laser Jet printers

Two 42" LCD Monitors

Non-Instructional Student Success Tech & Inmate Education

8 Portable Projectors to meet the needs. Budget has allowed for purchase of 12 that do not fill the need.

Non-Instructional Umoja Community
We could use laptops that can be checked out by students that the library 1 class can use each week. There are only 23 computers in Library 217 and the English 1a class caps at 26, which means that 3 students do not have a computer to use in the Library 1 class. The two classes are paired in the Umoja Learning Community. Three to Five computers would be good; lap tops cost about $350 each.
Instruction: American Sign Language
In the event of securing a space for a lab, we need ten computer stations that are configured for privacy and specialized lighting and backgrounds for video recording. The location of the lab is TBD. We were strong contenders for a lab last year, but finding a location fell to us, the least likely people on campus to have an unused space. To grant a request like this, the grantor must secure the space, which will involve taking a currently used space from a program or department. BC has no unused spaces. We have offered to move into the old radio rooms in LA, we are offering to secure a space for a classroom/lab in the basement of LA. We envision a large room divided between classroom and lab. An existing space that would work is LA221, a room that we have requested in the past.
Instruction: Anthropology
We request projectors for all of the classrooms in the language arts buildings. Currently, many rooms in the LA building have COWs. Most of the students cannot see these smaller screens. Faculty shift around in rooms in this building, and other programs need these larger screens and projects too.
Instruction: Architecture
Two new plotters to replace current plotters that are no longer compatible with Windows 10. One for MS 9 and one for MS 10.
Instruction: Art
Fine Arts 8: Replace TV with projector to mirror those found in Fine Arts 9 and 10. The current TV cannot be viewed from the back of the class. A projector would allow all student visual access to lectures and materials. Cost 6-8k
All Computer Labs: Update computers in computer labs with 3.0GH 6-Core processor MACs with 16Gigs of Ram (or current models at time of replacement). The current computers are starting to show their age and have a difficult time running Creative Cloud and Video/Animation Software. We should be replacing these on a 3-4 year cycle. Cost per lab $70-80k
Update AV Equipment in Fine Arts 20, 23 and 28. Ceiling mounted projectors and screens. All three classrooms use carts and they pose several problems - Art is inherently messy and dirty - the projectors are low to the ground. Ceiling mounts would alleviate this. The carts have to be placed in the middle of the instructional space, so students have to be moved each time the cart is brought out - the rooms are large and it's difficult for students in the back to see. Cost depends on if the current projectors can be used - they are newish and good.
Internet Connectivity in Fine Arts 20, 23, 28 Since the computer carts are rolled in and out of the spaces we have to have long Ethernet cables that present a tripping hazard and can at times be unreliable. Faculty have requested the cart computers be set up to connect to the Wifi in each room.
Instruction: American Sign Language Interpreter
New equipment for our room and computer lab we share with the Foreign Language Department. Headsets, 6 microphones, updated computer, new speakers in LA 202,
Instruction: Automotive
Automotive Faculty is requesting audio and video recording devices to record lectures and lab demonstrations on a daily basis so they can be posted in Canvas for students to review at home.
Automotive Faculty is requesting 10 new student workstation computers in the IT 3 lab

Automotive Faculty is requesting 10 new student workstation computers in the IT 4 lab

Instruction: Biology

iPad and Complete Anatomy 2020 software through 3D4 Medical; This software allows faculty to demonstrate physiological concepts and anatomical structures in large lecture halls. The largest expense the iPad in order to streamline the use of the software - the application itself is $49.99/year.

2 Moticam Pro 285A CCD Color Scientific Microscope Cameras - $8,232 (Amazon) Capturing images and video in lab as well as demonstrating to students.

8 Vernier Lab Quest 2 Deluxe Package - $14,744 ($1,843 Each at Verneir.com) This amazing kit will allow biology students to conduct more advanced experiments and enhance current labs through real-time data monitoring.

Logger Pro Software - $249 (Verneir.com) Allows visualization of results from Lab Quest hardware

Instruction: Chemistry

We do need some new laptop computers in three of our labs, SE-12, SE-18, and SE-27. The current desktop models in SE-12/18 are incredibly slow and old. Three would be used by instructors, two (in between SE-12 and SE-18) would be in place for students. We estimate this would cost 5x$1500 or $7500 total.

Instruction: Child Development

FACE 12 needs a tech update

FACE 20 needs a tech update. Since the whiteboard is bowed and the projector does not project well onto that board, it is being requested that an LED Tv take its place and be mounted on the wall.

Instruction: Communication

Request #1) Wall-mounted LED monitors for Fine Arts Rooms #47, 51, 58 and Language Arts room #114. must also receive an articulating wall mount for each monitor, approximately 82" screen, LED, request a screen-share device
Rationale: Combined, these four rooms host over 20 sections a semester of Communication courses, most of which require digital visual aids. Demonstrating effective visual aids is part of the Oral Communication's #4 SLO. It is increasingly difficult to meet this SLO when student's slides are difficult to see on the existing, smaller screens. The current monitors are over 10 years old and are outdated, taking longer to turn on as well as occasionally distorting colors. Larger, LED screens would make it easier to see presentation materials and allow faculty the ability to use a screen-share device. Such devices are very useful when sharing student-presentations as well as quickly showing students a tablet or smart device screen, operated by faculty. With permission, students could even share their screens with the class, making transitions from speaker to speaker more efficient.

Request #2) New computers with wifi capability and with monitors for Fine Arts Rooms #47, 51, 58 and Language Arts room #114
Rationale: These computers and their technology are over 10 years old. The technology is outdated and does not have any wireless or smart capabilities. Existing computers have much slower processors and GPUs than newer models. The current computers use ethernet cables that never stay on the wall and present a constant tripping hazard. Upgrading to wifi capable computers would reduce these dangers. The monitors in several classrooms are failing. Increasing the connectivity and speed in these classrooms would enable instructors to manage the digital components of the classroom much more effectively. The demand to increase technology use by our students and by BC leadership is significantly inhibited by our current, outdated technology.

Request #3) New computers for Communication Full-Time Faculty Offices
Rationale: Many of our offices have computers that are, in some instances, 8 years old. The Communication Department Foundation Account bought many of these computers years ago, and they are showing their age. Larger displays to share information with students during office hours, touch screens to more easily navigate through information, faster processors to cut down on wait times, and solid-state drives to speed file access are a few of the technical advancements to find widespread adoption since our current computers were installed. The Department has strongly adopted Canvas in both hybrid and traditional course delivery and is involved. Our computers need to be upgraded to enable our curricular upgrades.

Instruction: Computer Science
Requesting new HD projectors in order to cut down on the glare that comes off of the whiteboards. It would make it easier for the students to better read and record the information projected to them. Classrooms B2, 5, 11.
Instruction: AG Crop Science
We need new overhead, short throw projectors in Ag 2 and Ag 9. The projectors we are using now are over five years old and, more importantly, do not have high enough resolution to make maximum use of the newer camera microscopes, i.e. the projected images have much lower resolution that the images on the computer screens. We also need new document cameras in Ag 2 and Ag 9. The document cameras we are using now are over five years old and, more importantly, do not have high enough magnification or resolution to adequately show the parts of the plants and soil particles and life forms necessary for student identification.
Instruction: Culinary Arts
Face Room 23 technology request for laptop plug in
A 30 unit laptop cart for students to work within the Renegade Room Classroom and any technology required to plug time in for usage.
Possible need for one additional credit card reader for the Renegade room POS and appropriate software
Instruction: Economics
Wi-Fi reception in room Humanities 11 - often seems subpar even after the major wi-fi upgrade. It would be helpful if it could be improved.
Instruction: Education
2 new or refurbished faculty computers in CSS 143 (manager station) and CSS 143a (faculty office) The existing computers are out of date, run very slowly, and cannot support CANVAS and other websites that are needed to complete the work needed to support students.
We are requesting additional workstations and computers for the EDUC Extend the Classroom area. (Title V funds)
We are requesting an additional computer laptop cart, which is needed for mobile access for Bridge to BC students and other academic support courses.
Webcam(s) (1-3) and headset(s) with microphone(s) (1-3) to support the ACDV goal for Online Peer Tutoring
Instruction: Electronics
The LCD projector in INDT 5 cannot be focused, and is blurry. Media Services has made several attempts to repair and adjust it, but there has been no sufficient change in focus. Justification: The projector is used for lectures and demonstrations. This lab is used by many sections of courses.

We need a network printer in INDT 6 and INDT 7a. Justification: We currently have only one network printer to serve three lab rooms (in INDT 5). Before using Canvas to deliver course resources, one printer was sufficient. However, as we are transitioning to more online delivery of curriculum (eliminating hard copies for most documents) some students cannot print their homework at home. We would be offering those students a good benefit, particularly for those who are of limited financial means.

We need a total of 24 laptops for INDT 5 and INDT 6. If the current laptops (12 in INDT 5 and 10 in INDT 6) have sufficient lifespan, additional laptops can be added to bring the total to 24 per lab.
Justification: When the laptops were first purchased, their main use was during lab time when using lab equipment to deliver a sort of LMS during the lab time. We now have all courses using Canvas to deliver resources, and are transitioning from paper-based tests to Canvas quizzes. Currently, students are taking tests in shifts (usually 1 1/2 hours are allotted for testing so nothing else can be accomplished in that 3 hour time frame. Additionally, the laptops are more frequently being used to deliver industrial configuration and operational software to the equipment used in lab. There are times when both INDT 5 and INDT 6 are using laptops at the same time, so sharing between labs is very difficult to accomplish. Our other lab, INDT 7a has desktop computers that obviously cannot be shared with other lab rooms.

"Wired" network access should be a part of this deployment of computer technology.
Justification: The current wi-fi access points were upgrades, but there still is slow boot up and refresh when the current number of laptops are operating. Doubling this number would
Desktop Workstation Request-$32,000-ELET/INDA request for desktop computer workstations installed in INDT 5 and INDT 6, 12 workstations each. Current setup is to use laptops connected to building WIFI. This has caused countless issues for students as laptops require constant upkeep from faculty and information technology technicians.
This request has been made in the previous program review without being granted.

It would be helpful to obtain Laerdal's SimMan software. This software is based on real patient case presentations and would ensure the paramedic skills instructors are administering valid and realistic scenarios to the students.

Humanities classroom projectors (currently 5 years old and nearing end of lifespan) -- new projectors needed in Humanities 2,3,4,5,6,7,20,21,22,23, and 52.

New Computer Monitors in Humanities 2,3,4,5,6,7,20,21,22,23, and 52.

Portable Classroom Set of Laptops + Laptop cart for departmental use specifically for the B1AL lab class stemming from AB 705.

Document cameras for the SW campus.

Instruction: EMLS English for Multilingual Students

Document (ELMO) camera requested for LA 225 Lab. This document camera was removed for a classroom last year, so we now need a new one for the LA 225 lab. This is needed because student success is one of our department goals and part of the vision for Bakersfield College. A document camera in the lab will enhance student success for students.

Ergonomic keyboards for faculty who do not have them in EMLS. This is needed because wellness is one of our department goals and part of the vision for Bakersfield College; they are cheaper than hand surgery when is often needed for carpel tunnel syndrome.

A complete set (30) of Chromebooks for students to use and check out when classroom assignments require technology/research/ computer work. This is needed because student success is one of our department goals and part of the vision for Bakersfield College. This will enhance student success.

Instruction: Fire Technology
Olive Drive Fire Training Center Tech Refresh - Projectors/Switchers/Control/Cabling, Approx. $98k for 4 rooms.
Instruction: Agriculture Forestry
GIS Software - ArcGIS department license - 1 unit $500 annually
Instruction: Health Education
Replace audio/visual equipment in Team Room inside the Gymnasium. The estimated cost of the equipment and the installation is $6,563.43
Instruction: History
Increase wifi load and range in the Humanities particularly in the areas of H-51 and the faculty offices from H-40 through H-30. Little to no access to WiFi works seems to exist here.
Instruction: Industrial Automation
Laptop Workstation Request-$52,000-ELET/INDA request for 48 laptop computer workstations installed in INDT 5 and INDT 6, 24 workstations each. Current setup is to use laptops connected to building WIFI. This has caused countless issues for students as laptops require constant upkeep from faculty and information technology technicians. New laptops will have wired ethernet connections at workstations.
Instruction: Industrial Drawing
With the implementation of Windows 10 in the new computer labs, the large-format plotters (which were at least 15 years old) used by Industrial Drawing, Engineering, and Architecture students in MS9 and MS10 are now no longer serviceable. We were not aware of this problem before Windows 10 was installed in the labs. Windows 10 was required to be installed for campus security measures. The plotter drivers are not supported by Windows 10 and, according to the lab technician, there is no patch or workaround for this issue. These plotters are used by students in all programs in our area: Industrial Drawing, Engineering, and Architecture. Replacing these printers with the HP DesignJet T1700 Postscript Printer would fit the needs of our programs perfectly. Each of these printers has a cost of about $6700. We expect the service life of these plotters to be at least 10 years.
Instruction: Manufacturing Technology
As part of the programs curriculum, a computer numerical control course is required for which we have equipped our IT-7 Lab with only two (tool room) CNC Lathes for 18-20 students to use and learn to operate in a given semester, while we barely get by with having (9) manual lathes in support of our programs introduction to machine tool processes course. In summary, the ratio of equipment to student is profoundly skewed, which impacts the student's ability to get the needed machine time to achieve their SLO's Equipment requested: QTY 2 Manufacturer : HAAS TYPE: HAAS CNC LATHE Model: ST10 Estimated Costs of equipment and Installation is: $95,000 x 2 = $190,000.00
Instruction: Mathematics
Requesting upgrade or replacement of Smartboard technology in LA 107B including replacement of computer
Requesting upgrade or replacement of Brighlink projectors and computers in MS 4, 18, 104, 105, 106, 108, 109, 110, 111
Requesting continue licenses for Smart Notebook, TI SmartView CE Emulator, Maple and MatLab Software needs to be updated or installed in MS 4, 18, 103, 104, 105, 106, 108, 109, 110, 111 and LA 107B and LA 116

The Math Learning Center is now tutoring more students from classes that are not in the hybrid format. These tutees need to be recorded under ACDV 280, for funding purposes. The Aqusequel login kiosk we use for it does not work a significant portion of the semester, most semesters. When it does work, students still fail to navigate the menus correctly. For more fine-grain detail of the tutoring sessions, we currently use a paper form. This does not provide us with data in a form conducive to data analysis.

We request a very basic computer and screen to replace both of these systems. We can make it host a form that is much easier for the students to use, easier to fix if something is not right, and provides loads of much more detailed data. The data could be used to identify systemic periods of excess wait times, systemic periods of excess tutors not working, tutor stats, and a variety of other very useful things that would significantly contribute to student success.

If the computer request is granted, then 4 of the cheapest smartphones, no plans, would be beneficial to accompany it. They would be linked to the form, and the tutors would carry them while they work. With such tools, we could do things like set them give reminders to the tutors when they are spending too long on one student.

Instruction: AG Mechanized Agriculture

To meet student learning outcomes in a number of courses we need annual subscriptions to web based training programs. These include but are not limited to:
Caterpillar SIS and Electronic Technician programs
Sp2 Heavy Duty Diesel safety training
Honda industrial Technician training system

Instruction: Philosophy

Faculty chair is consistently requested to analyze reports, generate reports, and provide feedback from reports, and as such, needs two screen in the faculty office space. Currently the chair has one screen, but two screens would facilitate this process in order to provide more efficient feedback to administration. Cost - Maybe $200.

We desperately need wireless presentation remote for each faculty (quantity 14)
We got new short throw projectors in our rooms last year (thank you!) and each of us teach in those rooms. Having these ensures the integrity and consistency of lectures and saves us from running back and forth to the keyboard, which is just ridiculous. Cost: about $20-25 each or $350

Purchase Philosophy Index Access to improve student access to philosophical material specifically. As it is CSUB philosophy department currently uses it and it would allow our majors and students who do research in our classes access to philosophical material specifically.
Cost may be cheaper by adding it to our existing EPSCO host account.

Ipad pros w/ Apple Pencil   - Cost $7700. ($100+ for pencil and $1000 for ipad pro x 7)
Rationale #1: Enhance student success in the classroom: Now that we have projectors in our main rooms, we would like to bring our classroom to the 21st century by integrating Ipads into our pedagogy. (Note: Our request for powerpoint remotes would not be fulfilled if this request would be granted).
We would love to integrate movies clips, videos, images, and be able to highlight lecture main points in the classroom. We cannot do this with just a computer and projector – we need a third device that creates an opportunity for interaction with the projector.
If we can connect the ipads to the proctor we can easily move in and out of programs showing images, videos etc. And we could use a lecture note program and record our lectures and submit online for students to review. There are many way to do this and several us in the department would love to provide training on this kind of integration.
Especially with Google Sketch you can recreate historical scenes live in google maps. I as chair want to bring my department into this world – to provide opportunities for students to enter the Greek work of 5th century Plato or to do peripatetics with Aristotle in the garden while discussing arête. We cannot do this without an ipad integration feature.
Rationale #2: Department meetings, meeting in general, would be so much more effective if we were provided a way to quickly share files and work on documents interactively.
Rationale #3: Obviously, to integrate lectures we need to be able to write. The newer version of apple pencil with the ipad pros is insanely perfect. No lag. No wasted time erasing. What you write instantly is projected on the ipad.
New Epson Laser Projector in planetarium for astronomy classes
Three 65-inch QLED TVs to replace old TVs in Planetarium (CRT) and Planetarium lobby (Plasma)
Physics laptops to be used during labs ($1500 x 24 laptops)
Computer refresh for lecture halls and labs (SE 8, 13, 51, 53, 56)
Instruction: Political Science
Document camera in H-15
Instruction: Psychology
At present, LA 221 is dedicated to courses for both the Psychology and Sociology programs. This classroom currently has power strips located on the far side wall as it was intended to develop into a computer lab ten years ago. Equipment needed will include but is not limited to: Network support (including power/data cabling/infrastructure), At least 30 computers complete with necessary hardware and software, SPSS installation and license renewal each semester/year. Projector and hardware for suspension from the center of the ceiling. Several lengthy tables (as opposed to the individual desk/chair combo located there currently), Removal of the Computer on Wheels (COW), Removal of Student Desks. Though the use of this classroom fits easily with the faculty and department location, our request is not necessarily tied to this location and is amenable to other options to accomplish this request and our program goals for our students.
Language Arts Classroom Refresh (Projectors/Control/Cabling) for LA 223, 217, 203, LA 109 and 111 - these rooms have older COW technology
Instruction: Radiologic Technology

New Overhead Projector Model: Epson Power Lite L610U, 3LCD Laser Projector
Location: MS-156
Rationale For Need:
Meet the needs of learning. X-ray film is nearly obsolete in hospital settings. All images for lecture, lab, case study and other areas of learning are now dependent upon digital display. X-ray film used to have the highest image quality for detail and observation of pathology. However, film is used less often, leaving students to learn from poor display quality of computers and overhead projectors. Film is still being used for learning, some of it is over 30 years old, because the current equipment does not allow students to see details in images. The current projector does not allow for manipulation brightness, contrast or other filters needed for quality image details. Similar to photography, x-ray images depend on detail for structural and pathological visibility. The poor quality of the overhead projector hinders student's ability to see normal and abnormal structures. The projector in MS-156 does not allow any of the functions needed for evaluation of medical images.

Move to new classroom. The previous classroom MS-54 was the priority classroom for Radiologic Technology. To assist with the need for classrooms for the Nursing Department, Radiologic Technology Courses have moved to MS-156. The overhead projector in MS-54 has been deemed unfixable by the technology department. The projector in MS-54 has been evaluated by Maintenance and Operations and the Technology departments. The projector in MS-54 causes headaches due to shaking, student complaints of dizziness and requests by the Radiologic Technology Advisory Board to replace. Neither MS-156 nor MS-54 meet the needs for quality image display

New 120 inch Projector Screen
Screen size will accommodate new projector
Location: MS-156
Rationale For Need:
Designed to display high quality, detailed images
Estimated Cost: $1200

Apperson Data Scanner Rationale for Need: The Nursing Department currently shares their Apperson Data Scanner, used to grade and assess student exams. This unit provides advanced assessment capabilities above the dated Scantron Scanner. The nursing department kindly shares this unit, however a second unit is needed to endure the heavy workload. The Apperson Scanner shared with nursing currently had to be repaired 2 twice last year.
This request has been in Program Review for a 3rd cycle: 2017-2018, 2018-2019, current 2019-2020

Instruction: Sociology

Type of Equipment: Data/Video Projector for Rooms: LA 217, LA 221, LA 223, LA 109, and LA 111. In several of the rooms in Language Arts there are ceiling mounted projectors. There are none in the rooms listed above. Technology and media are now essential components of student engagement, which enhances the learning environment. However, the lack of projectors has also become an issue of accessibility for students with disabilities. Currently, several rooms in the LA building operate with screens that are no larger than a TV screen. When incorporating videos in the classroom, it is difficult to read closed captioning on smaller screens, especially considering one cannot increase the size of the text. This is particularly difficult for hearing impaired students who rely on closed captions to follow the content of classroom activities which incorporate videos.

Non-Instructional Technology Services (MS & IT)

Science & Engineering Lecture Hall Tech Refresh (Projectors/Switchers/Cabling/Control) for SE 48, 51, 53, 56 Classrooms 4, 8, 13 and Lab 7

Delano Campus Portables Technology Refresh (Projectors/Switchers/Cabling/Control) for 10 classrooms in Delano Portable Buildings

Fine Arts 30 Tech Refresh (Projector/Switcher/Cabling/Control)

Language Arts Tech Refresh (Projectors/Switchers/Cabling/Control) for LA 109, 110, 111, 114, 203, 217, 218, 221, 223 - currently no projectors
Business Building Tech Refresh (Projectors/Switchers/Cabling/Control) for B-4, 7, 8,
Levan Center Tech Refresh - Touchpanel and Control System Reprogram
Indoor Theater Tech Refresh - Touchpanel/Control and clean up - Possibly Projector
Math Science Tech Refresh (Projectors/Switchers/Cabling/Control) for MS 104, 105, 106, 107, 109, 110, 111, 18
Humanities Building Tech Refresh (Projectors/Switchers/Cabling/Control) for H-2, 3, 4, 5, 6, 18, 20, 21, 22, 23.

Appendix C1: General Facility & Infrastructure Projects & Facilities Needs

Request	Funded?	Funding Source	Amount
COMPLETED PROJECTS			
Construction of Veterans Resource Center	Yes	MJ100	$7,000,000
Campus Wide EMS replacement	Yes	MG100	$175,000
Delano Campus Roofing Repairs	Yes	SMSR	$25,000
Delano Campus EMS replacement	Yes	SMSR	$10,000
Construction Delano HVAC Lab	Yes		$725,000
Small Pool Leak Repair	Yes	GU001-23CMOA	$150,000
Main Campus EMS replacement	Yes	SMSR	$192,221
Fire Alarm Repairs	Yes	SMSR	$496,387
Memorial Stadium Renovations	Yes	MJ100	$18,5000,000
Wireless Infrastructure	Yes	MJ100	$2,000,000
HVAC Replacements	Yes	SMSR	$35,000
Artificial Turf replacement	Yes	SMSR	$75,284
Replace Flooring Art Gallery	Yes	SMSR	$25,000
Scoreboard Replacement Swimming Pool	Yes	GU001	$19,000
Turf Installation Pool	Yes	GU001	$46,000
Campus Wide Landscaping/Tree/Fence Replacement	YEs	GU001	$89,000
IN PROGRESS			
Campus Center Remodel	Yes	SRID/MJ100	$38,000,000
FACE Building flooring abatement and replacement	Yes	SMSR	$110,000
Infrastructure replacement	Yes	MJ100	$15,000,000
Science & Engineering	Yes	MJ100	$65,000,000
LA Building Roof Repairs	Yes	SMSR	$80,000
Flooring Replacement & Abatement Humanities Building	Yes	SMSR	$35,000
FUTURE PROJECTS			
Language Arts Remodel	No	TBD	$15,321,000
Student Services Modernization	No	MJ100	$26,600,000
Construction of Arvin Center	Yes	MJ100	$23,000,000
Welcome Center	No	MJ100	$7,356,297
Fine Arts Project	No	TBD	$15,546,000

Construction Gym & Fieldhouse	Yes	MJ100	$63,000,000
Campus signage	Yes	MJ100	$200,000
Agriculture Building	Yes	MJ100	$18,746,987
Campus Center Annex	Yes	MJ100	$7,486,831