**Bakersfield College**

**Program Review – Annual Update 2016**

**I. Program Information:**

**Program Name:**

Bakersfield College Paramedic Program

Program Type:  Instructional  Student Affairs  Administrative Service

***Bakersfield College Mission****:* Bakersfield College provides opportunities for students from diverse economic, cultural, and educational backgrounds to attain Associate and Baccalaureate degrees and certificates, workplace skills, and preparation for transfer. Our rigorous and supportive learning environment fosters students’ abilities to think critically, communicate effectively, and demonstrate competencies and skills in order to engage productively in their communities and the world.

**Describe how the program supports the Bakersfield College Mission:**

The Paramedic Program meets the Bakersfield College’s mission by providing an educational opportunity allowing students to obtain both a Certificate of Achievement and Associate degree in the field of paramedicine. Locally, there is a high demand to fill paramedic job openings and the Bakersfield College Paramedic Program is the only paramedic program offering this field of study within Kern County. The paramedic program hones the students’ communication skills and their ability to critically think through many situations using lecture, exams, and realistic simulation manikins in a variety of scenarios. The program is a tiered system of didactic lecture and skills, progressing to the hospital training phase, and finally field training in an ambulance. After successful program completion, in order to obtain their paramedic license, students test at the National level with the National Registry of Emergency Medical Technicians (NREMT). The Bakersfield College paramedic students have consistently demonstrated competencies in knowledge and skills with a five year average first time pass rate of 96% with the NREMT.

**Program Mission Statement:**

The primary mission of the Bakersfield College Paramedic Program is to provide a strong educational foundation so our future paramedics may improve the health and welfare of Kern County with the highest quality prehospital emergency medical care.

**II. Progress on Program Goals:**

1. List the program’s current goals. For each goal (minimum of 2 goals), discuss progress and changes. If the program is addressing more than two (2) goals, please duplicate this section.

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| --- | --- | --- | --- |
| **Program Goal** | **Which institutional goals from the Bakersfield College Strategic Plan will be advanced upon completion of this goal? (select all that apply)** | **Progress on goal achievement**  **(choose one)** | **Comments** |
| 1. Provide students the education necessary to pass the National Registry exam with first time pass rates equal to or higher than the National average pass rates. | 1: Student Learning  2: Student Progression and Completion  3: Facilities  4: Oversight and Accountability  5: Leadership and Engagement | Completed: \_\_\_\_\_\_\_\_\_\_ (Date)  Revised: \_\_\_\_\_\_\_\_\_\_ (Date)  Ongoing: 09/15/2016 (Date) | I cannot discuss the progress and changes, because we are a first year program. These are the program’s current goals for next year. |
| 2. Provide students the opportunity to retest x 1 on any exam, other than the final, falling below a 77% average. | 1: Student Learning  2: Student Progression and Completion  3: Facilities  4: Oversight and Accountability  5: Leadership and Engagement | Completed: \_\_\_\_\_\_\_\_\_\_ (Date)  Revised: \_\_\_\_\_\_\_\_\_\_ (Date)  Ongoing: 09/15/2016 (Date) | I cannot discuss the progress and changes, because we are a first year program. These are the program’s current goals for next year. |

1. List new or revised goals (if applicable)

|  |  |  |
| --- | --- | --- |
| **New/Replacement Program Goal** | **Which institutional goals will be advanced upon completion of this goal? (select all that apply)** | **Anticipated Results** |
| Revise class calendars in order to better align exam dates with the flow of lecture. | 1: Student Learning  2: Student Progression and Completion  3: Facilities  4: Oversight and Accountability  5: Leadership and Engagement | Decrease large gaps in time between lecture completion and exam administration. |

**III. Trend Data Analysis:**

Highlight ***any significant changes*** in the following metrics and discuss what such changes mean to your program.

1. Changes in student demographics (gender, age and ethnicity).

This is the first semester this degree is being offered, no data is available at this time.

1. Changes in enrollment (headcount, sections, course enrollment and productivity). This is the first semester this degree is being offered, no data is available at this time.

This is the first semester this degree is being offered, therefore, no data is available at this time.

1. Success and retention for face-to-face, as well as online/distance courses. This is the first semester this degree is being offered, no data is available at this time.

This is the first semester this degree is being offered, therefore, no data is available at this time.

1. Changes in the achievement gap and disproportionate impact (Equity). This is the first semester this degree is being offered, no data is available at this time. This is the first semester this degree is being offered, therefore, no data is available at this time.
2. Changes or gaps in core indicator results from the previous year. List the date of the core indicators, the score and discuss the finding. (**CTE programs only**) This is the first semester this degree is being offered, therefore, no data is available at this time.

|  |  |  |
| --- | --- | --- |
| Core Indicator Date: | Program Percent | State negotiated performance goal |
| Skill Attainment |  |  |
| Completions |  |  |
| Persistence |  |  |
| Employment |  |  |
| Non-Traditional Participation |  |  |
| Non-Traditional Completion |  |  |
| Discussion of Findings | This is the first semester this degree is being offered, therefore, no data is available at this time. | |

1. Other program-specific data that reflects significant changes *(please specify or attach).* All Student Affairs and Administrative Services should respond.

**IV. Program Assessment (focus on most recent year):**

1. How did your outcomes assessment results inform your program planning? Use bullet points to organize your response.

* This is the first semester this degree is being offered, therefore, no data is available at this time.

1. How did your outcomes assessment results inform your resource requests? The results should support and justify resource requests.

* This is the first semester this degree is being offered, therefore, no data is available at this time.

1. How do course level student learning outcomes align with program learning outcomes? Instructional programs can combine questions C and D for one response (SLO/PLO/ILO).

* The course level student learning outcomes do align with program learning outcomes?

1. How do the program learning outcomes or Administrative Unit Outcomes align with Institutional Learning Outcomes? All Student Affairs and Administrative Services should respond.

* This is the first semester this degree is being offered; therefore, no data is available at this time.

***Institutional Learning Outcomes***:

*Think: Think critically and evaluate sources and information for validity and usefulness.*

*Communicate: Communicate effectively in both written and oral forms.*

*Demonstrate: Demonstrate competency in a field of knowledge or with job-related skills.*

*Engage: Engage productively in all levels of society – interpersonal, community, the state and the nation, and the world.*

1. Describe any significant changes in your program’s strengths since last year.

* This is the first semester this degree is being offered, therefore, no data is available at this time.

1. Describe *any significant changes* in your program’s weaknesses since last year.

* This is the first semester this degree is being offered, therefore, no data is available at this time.

1. If applicable, describe any unplanned events that affected your program.

* This is the first semester this degree is being offered, therefore, no data is available at this time.

**V. Assess Your Program’s Resource Needs:**

To request resources (staff, faculty, technology, equipment, budget, and facilities), please fill out the appropriate form. <https://committees.kccd.edu/bc/committee/programreview>

* This is the first semester this degree is being offered, therefore, we have no resource needs to report at this time.

1. Human Resources and Professional Development:
2. If you are requesting any additional positions, explain briefly how the additional positions will contribute to increased student success. Include upcoming retirements or open positions that need to be filled.

* We are requesting one additional clerical assistant two person (see attached form).

1. Professional Development:
2. Describe briefly the effectiveness of the professional development your program has been engaged in (either providing or attending) during the last year, focusing on how it contributed to student success.

* This is the first semester this degree is being offered, therefore, we have no data to report at this time.

1. What professional development opportunities and contributions can your program make to the college in the future?

* Our program’s students are all certified as Emergency Medical Technicians (EMT’s) and are trained to render basic life support medical care for any persons in the immediate vicinity on campus, who require medical assistance while awaiting arrival of an ambulance.

1. Facilities:
2. How have facilities’ maintenance, repair or updating affected your program in the past year as it relates to student success?

* This is the first semester this degree is being offered, therefore, we have no data to report at this time.

1. How will your Facilities Request for next year contribute to student success?

* If the bond measure passes, a new public safety training center will be built. All of our facility needs will be met by the new training center. We need an indoor lab where we can drive an ambulance into the lab to demonstrate loading and unloading of patients. This ambulance would also be equipped with remote controlled air bags to simulate an actual ride to the hospital. This is important the students learn how to start IVs and intubate patients while riding in a moving vehicle. The building we are in is not engineered to allow this type of lab to take place.

C. Technology and Equipment:

1. Understanding that some programs teach in multiple classrooms, how has new, repurposed or existing technology or equipment affected your program in the past year as it relates to student success?

* This is the first semester this degree is being offered, therefore, we have no data to report at this time.

1. How will your new or repurposed classroom, office technology and/or equipment request contribute to student success?
   * If our program secures the equipment requested, we could deliver more realistic and practical training to the students. It would also enable us to have smaller groups allowing more students access to hands on training with simulation manikin training, ECG 12 Lead interpretation using Zoll heart monitor, and realistic on-the-job training while rendering care in an ambulance simulator.
2. Discuss the effectiveness of technology used in your area to meet college strategic goals.
   * In order to meet the needs of our program’s future accreditation requirements, it is imperative we are able to input patient contacts into an electronic data base during skills lab, clinical / hospital training, and field training.
3. Budget: Explain how your budget justifications will contribute to increased student success for your program.
   * Please refer back to #2 and #3 above.

**VI. Conclusions and Findings:**

Present any conclusions and findings about the program. This is an opportunity to provide a brief abstract/synopsis of your program’s current circumstances and needs.

* While our program is not technically “new,” our funding has been solely base on student enrollment (contract Education in past). In the past our program was not eligible for state apportion ate funding, tuition was much more expensive for the student. With the approval of this new degree program, the cost to students has been greatly decreased (approximately $2,000 v. $5,000) and twice the enrollment as in past classes. Due to a two-fold increase in demand in our enrollments, our program’s supplies and equipment needs have also increased. We no longer have enough equipment to truly and adequately train students to Bakersfield College’s standards. I have increased the programs budget to address the supply needs, and will apply for CTE funding (stronger workforce/VATEA).

**VII. Forms Checklist (place a checkmark beside the forms listed below that are submitted as part of the Annual Update):**

[Best Practices Form](http://committees.kccd.edu/bc/committee/programreview) **(Required)**

Curricular Review Form **(Instructional Programs Required)**

[Certificate Form](http://committees.kccd.edu/bc/committee/programreview) **(CTE Programs** **Required)**

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[Faculty Request Form](http://committees.kccd.edu/bc/committee/programreview)  [Classified Request Form](http://committees.kccd.edu/bc/committee/programreview)  [Budget Form](http://committees.kccd.edu/bc/committee/programreview)

Professional Development Form  [ISIT Form](http://committees.kccd.edu/bc/committee/programreview)  [Facilities Form](http://committees.kccd.edu/bc/committee/programreview) (Includes Equipment)

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_