

Certificate Form – (Paramedic Program. 09/15/18)

Certificates of Achievement (if applicable):

- A. An Annual Update must be completed for each Certificate of Achievement program.
- B. Programs with stackable certificates fill out the following form, which is included in the related degree program review.
- C. Stand-alone certificates fill out the entire Annual Update.

Name of Program: Bakersfield College Paramedic Program

Certificate Name	JSC	CA	Is the certificate stackable?	Is the certificate a stand-alone program?
Certificate of Achievement		X	No	Yes
AS degree			A.S. Degree	A.S. Degree

Please discuss the following questions regarding all area Certificates of Achievement (CA):

1. List certificates that are proposed for addition.
 - No additions
2. List certificates that are proposed for deletion.
 - No deletions
3. For this CA, what are the SOC codes (Occupational Titles and codes) that students who complete the CA will be able to obtain entry-level employment?
 - Per the Bureau of Labor Statistics (bls.gov), the Standard Occupational Classification (SOC) number for the position of **“Emergency Medical Technicians and Paramedic”** is **29-2041**

What are the projected annual openings and median salary for each occupational title? (You can use your latest Program Review data for your response.)

 - ANNUAL OPENINGS and median hourly salary (per Emsi Q3 data)

Occupation Overview

Emergency Medical Technicians and Paramedics in United States Add to My Reports Export ▾

Occupation Summary for Emergency Medical Technicians and Paramedics ⌕

<p style="font-size: 24pt; font-weight: bold;">245,633</p> <p style="font-size: 10pt;">Jobs (2016) ⓘ</p>	<p style="font-size: 24pt; font-weight: bold; color: green;">+2.7%</p> <p style="font-size: 10pt; color: blue;">⊕ % Change (2016-2017)</p>	<p style="font-size: 24pt; font-weight: bold;">\$16.05/hr</p> <p style="font-size: 10pt; color: blue;">⊕ Median Hourly Earnings ⓘ</p>
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 - **MEDIAN SALARY** - Per the Bureau of Labor Statistics (bls.gov), as of May 2017:

Summary

Quick Facts: EMTs and Paramedics	
2017 Median Pay ?	\$33,380 per year \$16.05 per hour
Typical Entry-Level Education ?	Postsecondary nondegree award
Work Experience in a Related Occupation ?	None
On-the-job Training ?	None
Number of Jobs, 2016 ?	248,000
Job Outlook, 2016-26 ?	15% (Much faster than average)
Employment Change, 2016-26 ?	37,400

- INDUSTRIES EMPLOYING EMT's & PARAMEDICS - These data come from the *above website* bls.gov

Industry profile for this occupation: [Top](#)

Industries with the highest published employment and wages for this occupation are provided. For a list of all industries with employment in this occupation, see the [Create Customized Tables](#) function.

Industries with the highest levels of employment in this occupation:

Industry	Employment (1)	Percent of industry employment	Hourly mean wage	Annual mean wage (2)
Other Ambulatory Health Care Services	120,990	40.52	\$16.24	\$33,780
Local Government, excluding schools and hospitals (OES Designation)	68,020	1.25	\$19.42	\$40,380
General Medical and Surgical Hospitals	46,630	0.85	\$18.23	\$37,930
Other Support Services	2,200	0.72	\$16.74	\$34,820
Outpatient Care Centers	1,640	0.19	\$19.55	\$40,670

4. For this CA, what process was followed to ensure the required and possible elective courses were adequate for entry level employment (such as advisory committee input, surveys, and industry feedback, licensing or accreditation agencies)?

- The Paramedic Program is accredited with, and meets the requirements set forth by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) based on recommendations from the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP).

How often do/will you re-examine the effectiveness of certificate requirements?

- Annually

5. What is your annual completion **target** (number of certificates awarded) for this CA?

- Target # of students to complete – Our program takes students approximately two years to obtain their certificate of achievement. From August 21st, 2017 to August 20th, 2018, Class #26 completed our program. We had 14 students successfully complete the paramedic program and pass the National Registry exam. They are all currently working in the field as paramedics.

Class #26 was our first wave of students to complete after the program changed the curriculum and become COA and A.S. degree program.

Based on your results, what changes could you make in your program to meet or continue to exceed your target (such as course content, scheduling/sequence, outreach, instructional strategies)?

- In an attempt to decrease attrition rates in the first semester, we have been granted approval to begin a mandatory paramedic prep course starting summer 2019. Up to this point, anyone with an EMT certificate could sign up for the paramedic program. Many of these students have never had any EMT work experience. Due to the high number of students who don't meet the requirements to make it to the paramedic program's second semester, we hope a paramedic prep course may help to decrease attrition rates and increase the number of certificate of achievements earned.

6. Based on what you know about your area, what emerging/potential institutional factors (internal) and industry factors (external) will impact this certificate?

- Internal Factors – We will need more classroom space and equipment. And, we need to find a solution to the semester system's enrollment deadlines for enrollment in our field training course.
- External Factors – There is such a severe shortage of paramedics that we are seeing a continued need find internship sites and qualified paramedic preceptors to train our paramedic students.

How are you planning to incorporate these factors in your planning and evaluation of this certificate?

- Talk with administration staff to see what we can do about more classroom space. We also need to change the curriculum for our field training course (EMTC B17). We are finding students are being charged a fee by the ambulance companies in order to obtain their field training. In order to maintain better oversight, we need to incorporate an additional lab fee for B17. This will enable the program to hire the field preceptors and pay them a stipend for training each student. I will need to obtain permission from administration to assure this request is an acceptable practice.