



**BAKERSFIELD COLLEGE: CAREER TECHNICAL EDUCATION**

**TWO YEAR PROGRAM REVIEW FORM**

**PROGRAM INFORMATION**

Chair Name	Jason Dixon	Date	9-15-18
Department	Engineering and Industrial Technology	Discipline	Automotive Technology
Most Recent Program Plan Completed On		Date	2-15-16
Most Recent Program Review Completed On		Date	September 2017
Faculty Name	Vic Posey		
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**1. MEETS A DOCUMENTED LABOR MARKET DEMAND**

Source of information (check all that apply)	
<input type="checkbox"/>	Bureau of Labor Statistics ( <a href="http://www.bls.gov">http://www.bls.gov</a> )
<input type="checkbox"/>	State of California Labor Market Information ( <a href="http://www.labormarketinfo.edd.ca.gov/">www.labormarketinfo.edd.ca.gov/</a> )
X	Advisory Committee Meeting held on _____ Attach Minutes
X	Professional Association Bakersfield New Car Dealer Association, Automotive Engine Rebuilders Association,
X	Other EMSI Modeling Specialists
<b>Findings</b>	The Bakersfield College Automotive Technology market will see 435 career opportunities in the next 12 months. With the average age of current automotive technicians over 60 years old and the average hourly earnings at over \$23 per hour, our market will continue to see a high demand for highly trained applicants. Employment statistics & projections from the U.S. Bureau of Labor Statistics, California Employment Development Department, Economic Modeling Specialists, Inc., the Bakersfield New Car Dealer Association and the Bakersfield College Automotive Advisory Committee all show a substantial need, as well as projected growth for highly trained applicants in both our immediate market area as well as across the nation. Since the Bakersfield College Automotive Department has continually produced so many completers, almost three times as many as any other institution for over 100 miles, there is ample proof that the program will continue to meet the documented labor market demand.

**2. DOES NOT REPRESENT UNNECESSARY DUPLICATION OF OTHER MANPOWER TRAINING PROGRAMS IN THE AREA.**

List programs from other institutions (private/fee based/public):				
Name of Institution	Name of Program	Distance to College	Public/Private	Approx Enrollment
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
<b>Findings</b>	No other institution in Bakersfield, Kern County or in the KCCD has any form of training in Automotive Technology. No other institution within over 100 miles that has an established automotive training program has produced as many completers as Bakersfield College. There is no unnecessary duplication of qualified, effective manpower training programs in the area.			

**3. DEMONSTRATED EFFECTIVENESS AS MEASURED BY EMPLOYMENT AND COMPLETION OF STUDENTS**

Core Indicator Data Reviewed	X Yes <input type="checkbox"/> No	Date 9-15-18
Insert Scores Below:		
Success:90.9%	Completion:92.31%	Employment:78.57%
Non-Traditional:8.11%	Non-Traditional Completion:13.16%	

<b>Findings</b>	The Automotive core indicators exceed the state appointed goal in all areas except Non-Traditional. In both Non-Traditional categories our Automotive Program outperforms the statewide average.	
<b>4. REVIEW/APPROVALS</b>		
Date	Signature	Title
		Department Head
		College Dean
Presentation to Curriculum Committee		<a href="#">Click here to enter a date.</a>
Presentation to College Council		<a href="#">Click here to enter a date.</a>
Presentation to Board of Trustee		<a href="#">Click here to enter a date.</a>

[Using EMSI / Educational Analyst / Programs / Program Report](#)

Run a historical Program Report for 2013 to 2018 to show the following data:

What TOP code(s) are you using for this report?

- A) number of jobs within the above occupation(s) for 2013 – **6,842**
- B) number of jobs within the above occupations(s) for 2018 – **7,146**
- C) number and percent change (2013to 2018) – **304 4.4%**
- D) the average hourly earnings for the above occupation(s) - **\$22.80**
- E) number of completions (awards) from our college 2013-2018 - **336**
- F) number of completions (awards) from regional colleges 2013-2018 - **0**

Then run a projection Program Report for 2018 to 2023 to show the following data:

- A) number of jobs within the above occupation(s) for 2018 - **7,146**
- B) number of jobs within the above occupations(s) for 2023 - **7,449**
- C) number and percent change (2018 to 2023) **303 4.2%**
- D) the average hourly earnings for the above occupation(s) **\$22.80**
- E) number of annual openings and total replacement jobs **662**

Does the above program meet a documented labor market demand? Please explain.

The Automotive Program has a 90% skill attainment, 92% completion, 97% persistence and 78% employment rating. We have awarded 336 degrees and certificates over the past five years and sent countless students into employment using the skills they have obtained here at Bakersfield College and this barely puts a dent in the industry demand for new employees.

**Using EMSI / Career Pathways / Occupation Analysis / Occupational Program Report**

**List all related programs of study by other educational institutions in our region:**

There are no other Automotive Programs in the KCCD or within a 100 mile radius

**Does the above program represent unnecessary duplication of training programs in our area? Please explain.**

No, see above.