

**BAKERSFIELD COLLEGE: CAREER TECHNICAL EDUCATION**

**TWO YEAR PROGRAM REVIEW FORM**

**PROGRAM INFORMATION**

Chair Name	Klint Rigby	Date	
Department	IT	Discipline	Manufacturing
Most Recent Program Plan Completed On	Date - 2017		
Most Recent Program Review Completed On	Date - 2017		
Faculty Name	Robert Stewart		
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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> )
<input checked="" type="checkbox"/>	Advisory Committee Meeting held on : <span style="float:right">Attach Minutes</span>
<input type="checkbox"/>	Professional Association
<input checked="" type="checkbox"/>	Other <span style="float:right">EMSI Modeling Specialists</span>

Findings	1,181	1,181	0	0.0%	
	2018 Jobs	2023 Jobs	Change (2018-2023)	% Change (2018-2023)	
Occupation	2018 Jobs	2023 Jobs	Change	% Change	
Structural Metal Fabricators and Fitters (51-2041)	59	59	0	0%	
Computer-Controlled Machine Tool Operators, Metal and Plastic (51-4011)	128	126	(2)	(2%)	
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic (51-4012)	16	17	1	6%	
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic (51-4021)	26	26	0	0%	
Forging Machine Setters, Operators, and Tenders, Metal and Plastic (51-4022)	10	10	0	0%	
Rolling Machine Setters, Operators, and Tenders, Metal and Plastic (51-4023)	15	15	0	0%	
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic (51-4031)	125	126	1	1%	
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4032)	12	11	(1)	(8%)	
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4033)	41	44	3	7%	
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4034)	42	38	(4)	(10%)	
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic (51-4035)	20	20	0	0%	
Machinists (51-4041)	523	512	(11)	(2%)	
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic (51-4081)	40	48	8	20%	
Tool and Die Makers (51-4111)	24	26	2	8%	
Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic (51-4191)	9	10	1	11%	
Layout Workers, Metal and Plastic (51-4192)	11	12	1	9%	
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic (51-4193)	43	44	1	2%	
Tool Grinders, Filers, and Sharpeners (51-4194)	14	15	1	7%	
Metal Workers and Plastic Workers, All Other (51-4199)	23	23	0	0%	

This EMSI data suggests that there are sufficient opportunities for those completing BC's Manufacturing program/courses. More specifically, the data shows increased growth for several position types through 2023 highlighted in [red](#), requiring those skills our courses equip students learn.

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

List programs from other institutions (private/fee based/public):

<i>Name of Institution</i>	<i>Name of Program</i>	<i>Distance to College</i>	<i>Public/Private</i>	<i>Approx Enrollment</i>
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	
			<input type="checkbox"/> Public <input type="checkbox"/> Private	

**Findings** No other program / institutions within our region that are applicable

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

Core Indicator Data Reviewed  Yes  No Date 8-21-18

Insert Scores Below:

Success: -(11.8%) below goal Completion: 12.98% above goal Employment: 14.21% above goal

Non-Traditional: -(18.43%) below goal Non-Traditional Completion: -(20.33%) below goal

**Findings** Skill attainment was off the 2015 established goal by 11.8% for the cycle, while completions were up nearly 13% over goal along with employment at over 14%.

**4. REVIEW/APPROVALS**

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>