

# Welding

## Student Demographic Information

Unduplicated Headcount <sup>1</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	% Change	#	% Change	#	% Change	#	% Change	#	% Change
Bakersfield College	<b>334</b>	0%	<b>364</b>	9%	<b>433</b>	19%	<b>435</b>	0%	<b>413</b>	-5%

Gender	Welding										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Female	23	7%	25	7%	17	4%	23	5%	19	5%	18,262	53%
Male	311	93%	339	93%	416	96%	408	94%	379	92%	15,740	46%
Not Reported							4	1%	15	4%	520	2%

Age	Welding										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
19 & Younger	72	22%	99	27%	133	31%	129	30%	190	46%	12,581	36%
20-29	182	54%	180	49%	192	44%	191	44%	149	36%	15,107	44%
30-39	52	16%	56	15%	67	15%	67	15%	45	11%	4,133	12%
40 & Older	28	8%	29	8%	41	9%	48	11%	29	7%	2,701	8%

Ethnicity	Welding										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
African American	17	5%	18	5%	14	3%	10	2%	20	5%	1,590	5%
American Indian	1	0%	3	1%	2	0%	1	0%	2	0%	142	0%
Asian/Filipino/Pac. Islander	1	0%	6	2%	6	1%	11	3%	14	3%	1,603	5%
Hispanic/ Latino	247	74%	272	75%	314	73%	305	70%	293	71%	23,214	67%
White	59	18%	59	16%	88	20%	97	22%	73	18%	6,715	19%
Two or More Races	8	2%	6	2%	8	2%	10	2%	11	3%	965	3%
Not Reported	1	0%			1	0%	1	0%			293	1%

Ed Plan Completion	Welding										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Abbreviated	141	42%	110	30%	142	33%	146	34%	133	32%	8,876	26%
Comprehensive	3	1%	20	5%	27	6%	29	7%	38	9%	3,390	10%
Both (Abbrev. and Comp.)	78	23%	129	35%	139	32%	142	33%	127	31%	12,165	35%
Other Ed Plan					1	0%						
Exempt			1	0%			1	0%	1	0%	223	1%
FSEP											5	0%
No Ed Plan Completed	112	34%	104	29%	124	29%	117	27%	114	28%	9,858	29%
NSEP											5	0%

Completed Matriculation <sup>2</sup>	Welding										Collegewide	
	2013-14		2014-15		2015-16		2016-17		2017-18		2017-18	
	#	%	#	%	#	%	#	%	#	%	#	%
Fully Matriculated	215	64%	246	68%	300	69%	305	70%	271	66%	23,332	68%

## Student Majors Information

Subject Majors <sup>3</sup>	Fall 2013	Fall 2014	Fall 2015	Fall 2016	Fall 2017	5-Year Average
Blueprint Reading & Layout			4	4	1	3
Gas/Tung/Flux Core Arc Welding			14	9	4	9
Indstrl Tech,Welding Option	127	127	175	152	136	143
Shielded Metal Arc Welding			10	5	3	6
Welding	131	145	110	123	97	121

## Course Enrollments

Active Sections	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	44	52	58	53	57
Total	44	52	58	53	57

First Day Enrollment <sup>4</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	837	972	1,053	965	1,006
Total	837	972	1,053	965	1,006

<b>Census Day Enrollment</b> <sup>4</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	902	924	1,053	921	904
<b>Total</b>	<b>902</b>	<b>924</b>	<b>1,053</b>	<b>921</b>	<b>904</b>

<b>Subject Students/Section</b> <sup>5</sup>	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	21	18	18	17	16
<b>Total</b>	<b>21</b>	<b>18</b>	<b>18</b>	<b>17</b>	<b>16</b>

<b>Collegewide Students/Section</b> <sup>5</sup>	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	32	31	31	30	27
Distance Ed	46	51	51	47	43
<b>Total</b>	<b>33</b>	<b>32</b>	<b>32</b>	<b>31</b>	<b>29</b>

<b>First Day Waitlist</b> <sup>6</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	244	323	262	189	104
<b>Total</b>	<b>244</b>	<b>323</b>	<b>262</b>	<b>189</b>	<b>104</b>

## FTES, FTEF & Productivity

<b>FTES</b> <sup>7</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	98.2	101.0	113.8	100.2	98.8
<b>Total</b>	<b>98.2</b>	<b>101.0</b>	<b>113.8</b>	<b>100.2</b>	<b>98.8</b>

<b>FTEF Workload</b> <sup>7</sup>	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	8.6	10.2	10.2	9.2	9.4
<b>Total</b>	<b>8.6</b>	<b>10.2</b>	<b>10.2</b>	<b>9.2</b>	<b>9.4</b>

<b>FTEF Workload By Contract Type</b>	2013-14		2014-15		2015-16		2016-17		2017-18	
	#	%	#	%	#	%	#	%	#	%
1) Full-Time	6.0	70%	8.0	78%	8.0	78%	7.8	85%	7.8	83%
2) Overload	1.4	16%	1.0	10%	1.0	10%	0.8	9%	1.0	11%
3) Adjunct	0.6	7%	0.8	8%	0.8	8%	0.0	0%	0.2	2%
4) Summer	0.6	7%	0.4	4%	0.4	4%	0.6	7%	0.4	4%

Subject Productivity (FTES/FTEF) <sup>8</sup>	Subject				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	11.4	9.9	11.2	10.9	10.5
Productivity (FTES/FTEF)	11.4	9.9	11.2	10.9	10.5

Collegewide Productivity (FTES/FTEF) <sup>8</sup>	Collegewide				
	2013-14	2014-15	2015-16	2016-17	2017-18
Traditional	17.1	16.8	16.8	16.9	15.7
Distance Ed	23.6	25.8	24.8	22.7	19.8
Productivity (FTES/FTEF)	17.5	17.3	17.4	17.4	16.1

## Success & Retention Rates

Subject <sup>9</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	95%	84%	94%	81%	92%	77%	94%	77%	92%	72%
Total	95%	84%	94%	81%	92%	77%	94%	77%	92%	72%

Collegewide <sup>9</sup>	2013-14		2014-15		2015-16		2016-17		2017-18	
	Retention	Success	Retention	Success	Retention	Success	Retention	Success	Retention	Success
Traditional	87%	70%	87%	70%	88%	71%	89%	72%	91%	74%
Distance Ed	77%	53%	79%	55%	80%	55%	84%	58%	86%	66%
Total	86%	69%	86%	69%	87%	69%	89%	71%	90%	73%

## Success & Retention Rates Disaggregated

Because of small numbers, the five years represented in this report were combined. Percentages shown in grey italics are from groups of less than 30 where overall results are more influenced by individual results.

Subject Overall Combined	Retention	Success
Welding	93%	78%

Collegewide Overall Combined	Retention	Success
Bakersfield College	88%	70%

Subject Gender	Retention	Success
Female	88%	75%
Male	93%	78%

Collegewide Gender	Retention	Success
Female	87%	70%
Male	88%	70%

Subject Age	Retention	Success
19 & Younger	95%	76%
20-29	93%	79%
30-39	90%	78%
40 & Older	93%	83%

Collegewide Age	Retention	Success
19 & Younger	88%	67%
20-29	87%	70%
30-39	88%	77%
40 & Older	88%	78%

Subject Ethnicity	Retention	Success
African American	87%	61%
American Indian	93%	74%
Asian/Filipino/Pac. Islander	93%	87%
Hispanic/ Latino	94%	80%
Two or More Races	94%	69%
White	91%	76%

Collegewide Ethnicity	Retention	Success
African American	79%	55%
American Indian	87%	72%
Asian/Filipino/Pac. Islander	91%	78%
Hispanic/ Latino	87%	68%
Two or More Races	85%	68%
White	89%	77%

Subject Ed Plan Completion	Retention	Success
Completed Student Ed Plan	94%	80%

Collegewide Ed Plan Completion	Retention	Success
Completed Student Ed Plan	88%	71%

Subject Fully Matriculated	Retention	Success
Fully Matriculated	94%	80%

Collegewide Fully Matriculated	Retention	Success
Fully Matriculated	88%	71%

## Student Awards

Awards by Type & Program <sup>10</sup>		2013-14	2014-15	2015-16	2016-17	2017-18	5-Year Total
AS	Indstrl Tech,Welding Option	2	3	2	10	11	28
	<b>Award Type Total</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>11</b>	<b>28</b>
Cert	Blueprint Reading & Layout	10	17	22	18	21	88
	Gas/Tung/Flux Core Arc Welding	10	19	22	24	18	93
	Shielded Metal Arc Welding	7	13	17	18	19	74
	Welding	18	17	13	25	23	96
	<b>Award Type Total</b>	<b>45</b>	<b>66</b>	<b>74</b>	<b>85</b>	<b>81</b>	<b>351</b>
<b>Total Awards</b>		<b>47</b>	<b>69</b>	<b>76</b>	<b>95</b>	<b>92</b>	<b>379</b>

## Footnote Explanations

- 1 The Unduplicated Headcount is the number of students enrolled on census day, where each student is counted one time.
- 2 Fully matriculated is completing (or being exempt from) all matriculation components (Assessment, Orientation, Counseling, and Ed Plan).
- 3 When the same major is offered at another KCCD college, the student count includes students who selected their major at the other college but who attended this college. Only majors that students have declared are shown. An '\*' indicates that a Major does not exist in the 2017-18 college catalog.
- 4 Enrollments are reported on both First Day and Census Day. Each course a student is enrolled in is counted as one enrollment.
- 5 Students per Section is defined as census enrollments divided by active sections. Cross-listed sections are not combined.
- 6 Waitlisted Enrollments on First Day (determined by section start date) where each section a student is waitlisted in counts as one waitlisted enrollment.
- 7 Acronyms FTES and FTEF represent full-time equivalent students and full-time equivalent faculty (workload associated with sections taught) respectively.
- 8 FTES/FTEF: A measurement of productivity where the generally accepted target is 17.5.
- 9 Success rate numerator: Number of course enrollments with a successful passing grade (A,B,C,P).  
Retention rate numerator: Number of course enrollments retained through the semester (grade=A,B,C,P,D,F,NP,I).  
Success and Retention rate denominator: Number of enrollments retained (A,B,C,P,D,F,NP,I), and withdrawn (W).
- 10 Only programs with student awards will be shown. An '\*' indicates that the program major does not exist in 2017-18 college catalog.