



2016-2017 Instructional Program Review Annual Update

1. Discipline/Area Name: Welding	For: 2018-2019
2. Name of person leading this review: Gary Wheeler/Laureano Flores	
3. Names of all participants in this review: Gary Wheeler/Laureano Flores	
4. Status Quo option: Year 1: Comprehensive review <input type="checkbox"/> Year 2: Annual update or status quo option <input type="checkbox"/> Year 3: Annual update <input type="checkbox"/> Year 4: Annual update or status quo option <input checked="" type="checkbox"/>	In years two and four of the review cycle, programs may determine that the program review conducted in the previous year will guide program and district planning for another year. <input type="checkbox"/> Check here to indicate that the program review report written last year accurately reflects program planning for the current academic year. (Only programs with no updates or changes may exercise the status quo option. All others will respond to questions 6 – 13.)

Number of Full-time Faculty

Number of Part-time Faculty

Data/Outcome Analysis and Use

5. Please review the subject level data and comment on trends (more data will be available the Program Review web page):

Indicator	2012-2013	2013-2014	2014-2015	2015-2016	Recent trends?	Comment
Enrollment #	225	230	348	357	Increase	
# of Sections offered	23	24	40	43	Increase	
# of Online Sections offered	0	0	0	0	No Change	
# of Face-to-Face Sections offered	23	24	40	43	Increase	
# of Sections offered in Lancaster	23	24	40	43	Increase	
# of Sections in other locations	0	0	0	0	No Change	
<u># of Certificates awarded</u>	8	3	6	10	Increase	
<u># of Degrees awarded</u>	2	3	3	6	Increase	
Subject Success Rates	74.2	78.3	81	78.2	Decrease	
Subject Retention Rates	85.3	93.9	92.5	90.5	Decrease	
Full-time Load (Full-Time FTEF)	0	0	1.08	1.08	No Change	
Part-time Load (Part-time FTEF)	1.3	1.3	.86	.86	Decrease	

PT/FT FTEF Ratio			2/1	2/1	No Change	
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#	Indicator	Comments and Trend Analysis
7.	If applicable, report program/area data showing the quantity of services provided over the past four years (e.g. # of workshops or events offered, ed.plans developed, students served)	N/A
8.	Student success and retention rates by equity groups within discipline	<p>Review and interpret the subject data by race/ethnicity and gender. Identify achievement gaps. List actions that are planned to meet the Institutional Standard of 69.1% for student success and to close achievement gaps:</p> <p>The success rate for women was 55% in 2012-13, 100% the next two years and 73% in 2015-16. The success rate for men was 75%, 77%, 80% and 79% during those years. Both groups exceeded the Institutional Standard in all years except 2012-13 when the success rate for women was below the standard.</p> <p>Hispanic students outperformed White students in three of the four years under review; both groups consistently exceeded the Institutional Standard. The success rate of Hispanics was 82%, 81%, 89% and 77%. The success rate of Whites was 75%, 80%, 89% and 79%. Although there is an upward trend in the success rate of African American students (44% in 2012-13, 56% in 2013-14, 50% in 2014-15, and 62% in 2015-16), their success rate was notably below that of Hispanics and Whites.</p> <p>To increase African American students success and retention, Instructors will monitor regularly academic performance during the semester and if needed use the peer/buddy system assigning to mentor struggling students. This approach will be used for all struggling students</p>
9.	Career Technical Education (CTE) programs: Review the labor market data on the California Employment Development Department website for jobs related to your discipline.	Comment on the occupational projections for employment in your discipline for the next two years and how the projections affect your planning: The demand for welders/welding is at an all time high due to the openings in the trades by the leaving of retiring/aging personnel. Our schools are trying to fill the void created by this. The Unions are gearing up in the next 8 years by hiring new members.

10. Cite examples of using action plans (for SLOs, PLOs, OOs, ILOs) as the basis for resource requests and how the allocation of those resources or other changes resulted in improved outcomes over the past four years.

SLO/PLO/OO/ILO	Action Plan	Current Status	Impact of Action
SLO	Comply to Union needs		Interact with local Unions for the hiring of students in the future.

11. Review the goals identified in your most recent comprehensive self-study report and any subsequent annual reports. Briefly discuss your progress in achieving those goals.

Goals/Objectives	Current Status	Impact of Action (describe any relevant measures/data used to evaluate the impact)
Increase the number of students who achieve a certificate or degree by 100% in the next three years.	Ongoing	The number of students earning degrees and certificates in Welding was 10 in 2012-13 and 6 in 2013-14. The completion rate reached 9 in 2014-15 and 16 in 2015-16. The number of students earning certificates and degrees has increased 60%. If we look at just degree completion, that rate has increased from 2 to 6, for a 200% increase for that period.
Increase the number of sections offered by 50%.	Completed	Sections offered in 2012-13: 23 Sections offered in 2012-13: 24 Sections offered in 2012-13: 40 Sections offered in 2012-13: 43 The goal was exceeded. The number of Welding sections has grown by 87%.
Add repeatable instruction and practice opportunities in Shielded Metal Arc, Flux Cored Arc, Gas Metal Arc and Gas Tungsten Arc Welding to the curriculum.	Ongoing	Students are able to practice skills learned during instruction and get extra practice time to pass their certification test.
Become a testing center for Los Angeles City Department of Building and Safety structural steel certification.	Completed	Students can now test locally in the Antelope Valley for LA City Department of Building and Safety structurally steel certification
Briefly discuss your progress in achieving those goals:		

Please describe how resources provided in support of previous program review contributed to program improvements:

12. Based on data analysis, outcomes, program indicators, assessment and summaries, list discipline/area goals and objectives to advancing district Strategic Goals, improving outcome findings and/or increasing the completion rate of courses, certificates, degrees and transfer requirements in 2018-2019. Discipline/area goals must be guided by **district Strategic Goals** in the Educational Master Plan (EMP), p.90. They **must be supported by an outcome or other reason (e.g., health and safety, data analysis, national or professional standards, a requirement or guideline from legislation or an outside agency).**

Goal #	Discipline/area goal and objectives	Relationship to Strategic Goals* in Educational Master Plan (EMP) and/or Outcomes	Action plan(s) or steps needed to achieve the goal**	Resources needed (Y/N)?
1	Offer opportunities for local students to complete Pipe Welding instruction at AVC.	5.Align instructional programs to the skills identified by the labor market	Hire a pipe welding Instructor Offer pipe welding for structural steel Certification. Revise Welding 212 to be a repeatable course	Yes

Action plan verbs: **expand, reduce, maintain, eliminate, outsource, reorganize, re-engineer, study further, etc.

13. Identify significant resource needs that should be addressed currently or in near term. For each request type identify which **discipline/program goal(s) from #12 guide this need.**

Indicate which Goal(s) guide this need	Type of Request (Personnel ¹ , Technology ² , Physical ³ , Professional development ⁴ , Other ⁵)	New or Repeat Request?	Briefly describe your request here	Amount, \$	One-time or Recurring Cost, \$?	Contact's name
1	Personnel	Repeat	Hire a pipe welding instructor	\$99,216	Recurring	L. Flores

¹List needed human resources in priority order. For faculty and staffing request attach Faculty Position Request form.

²List needed technology resources in priority order.

³In priority order, list facilities/physical resources (remodels, renovations, or new) needed for safer and appropriate student learning and/or work environment.

⁴List needed professional development resources in priority order. This request will be reviewed by the professional development committee.

⁵List any other needed resources in priority order.

