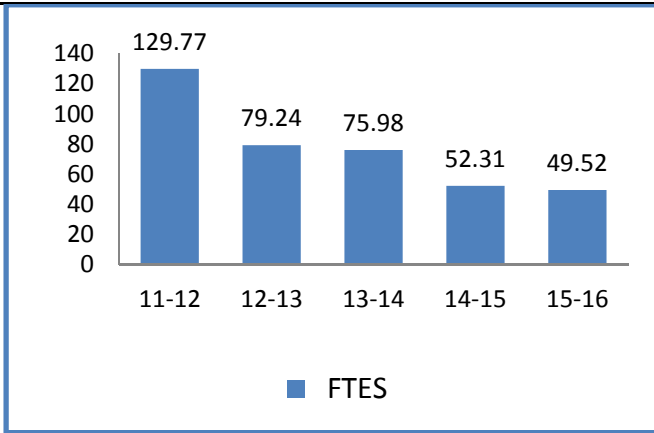


## WELDING TECHNOLOGY — 2015-2016



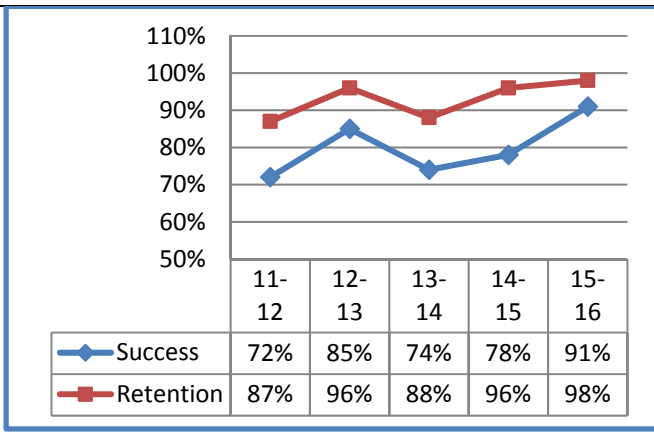
**Description:**

The Welding Technology Program strives to keep up with the most current industry standards. This includes: Oxy-fuel processes, Shielded Metal Arc Welding, Gas Metal Arc Welding, Flux-cored Arc Welding, Gas Tungsten Arc Welding, and fabrication. Students in the program are being prepared to successfully complete the AWS SENSE level 1 Welder Certificate and pass the LA City certification test for structural welders. The department provides the needed training for our students to obtain the skills required to enter the welding profession and receive high paying jobs with opportunities for advancement.

	10-11	11-12	12-13	13-14	14-15	15-16
Duplicated Enrollment	506	374	429	463	338	326
FTEF	8.05	8.47	6.59	7.84	7.82	7.06
WSCH per FTEF	524	460	361	291	201	210

**Assessment:**

- The FTEs is still low due to the recent back lab renovation project where we limited class sizes. However, it is now stabilizing since the project is complete.
- Student enrollment and completions remain low caused by unrealistic prerequisites delaying student educational goals.
- A temporary full time faculty, and remodeled facility helped improve student success and retention. To maintain this increase, a permanent full time faculty needs to be hired to replace the temporary full time hire.



**Department Goals:**

- Continue to update equipment to meet industry standards.
- Strengthen articulations and concurrent enrollment agreements with local High Schools.
- Update and strengthen curriculum to align with national standards (AWS SENSE)
- Fix the broken Electrical that is desperately needed to support student learning in the front welding lab (T112B)
- Hire a second full time faculty
- Add several new certificates to the program to align with AWS SENSE

**Challenges & Opportunities:**

- Curriculum and prerequisites are delaying student success
- New Welding club is making it possible for students to compete in Skills USA
- Electrical issues in the front welding lab (T112B)
- Addition of new certificates will enhance student success and post-graduation opportunities.
- Only one full time faculty makes it difficult to facilitate changes and program growth
- Newly strengthened advisory board
- Participate and submit proposals to improve the quality of the program and increase enrollment through the \$200M Strong Workforce Program.

## WELDING TECHNOLOGY — 2015-2016

	10-11	11-12	12-13	13-14	14-15	15-16	<b>Action Plan:</b> <ul style="list-style-type: none"> <li>• Request quotes to procure new equipment and tools.</li> <li>• Prospect additional funding through grants and the \$200M Strong Workforce Program to meet program needs.</li> <li>• Improve outreach with local high schools</li> <li>• Work with faculty and the curriculum committee to update curriculum, prerequisites and certificates.</li> <li>• Work with facilities and maintenance to develop a plan for fixing/updating electrical in T112B</li> <li>• Continue to request for a second full time faculty</li> <li>• Continue to work with and strengthen the program advisory committee.</li> </ul>
Sections	52	34	32	39	32	28	
% of online enrollment	0%	0%	0%	0%	0%	0%	
Degrees awarded*	0	0	1	1	0		
Certificates awarded*	6	3	4	1	6		
Award Source: <a href="http://datamart.cccco.edu/Outcomes/Program_Awards.aspx">http://datamart.cccco.edu/Outcomes/Program_Awards.aspx</a> TOP Code: 095690 *Data will be available in October 2016							